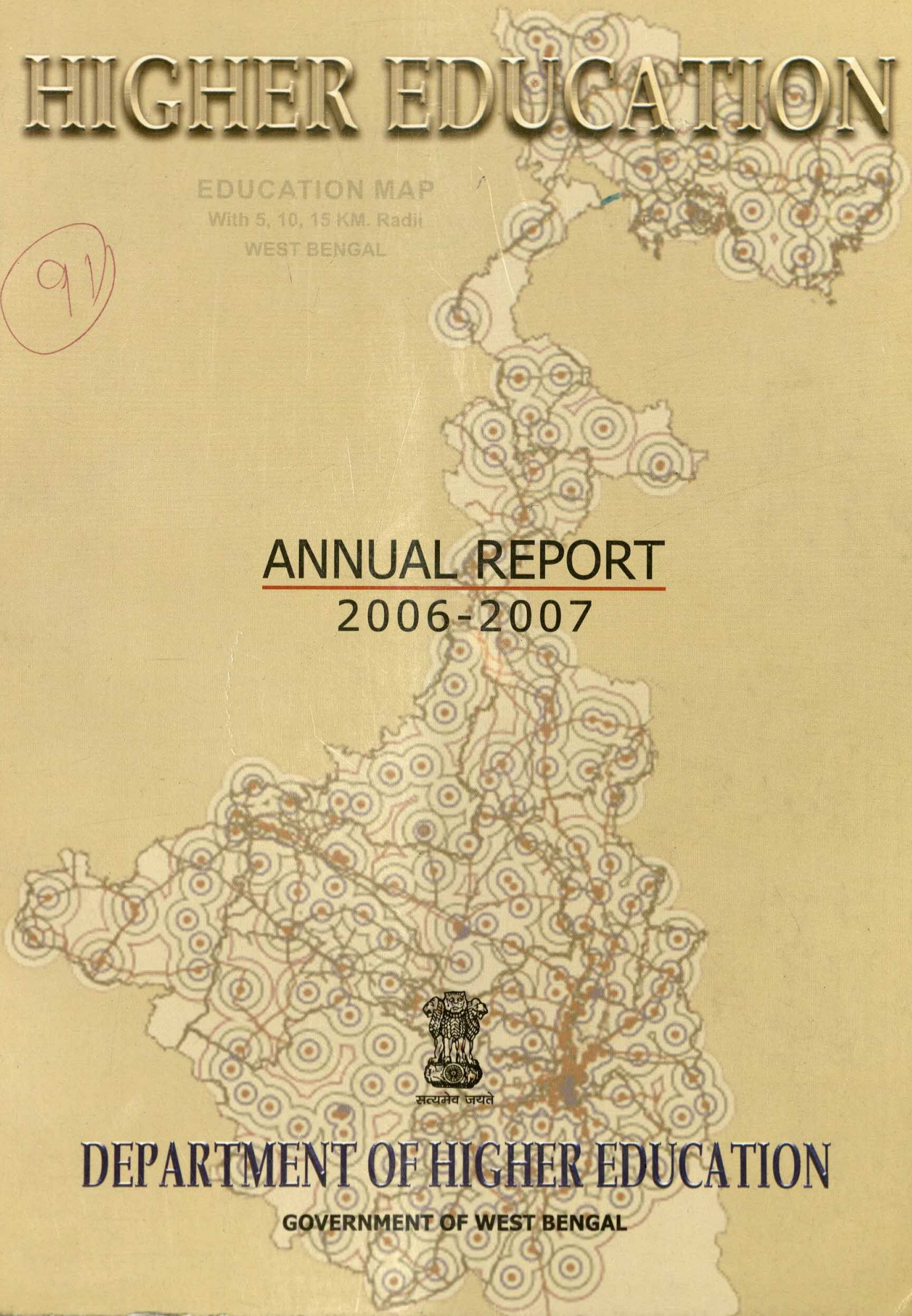
HIGHER EDUCATION



91

ANNUAL REPORT
2006-2007

सत्यमेव जयते

DEPARTMENT OF HIGHER EDUCATION

GOVERNMENT OF WEST BENGAL

ANNUAL REPORT
OF THE
DEPARTMENT OF HIGHER EDUCATION

2006-2007

Library

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DEPARTMENT OF HIGHER EDUCATION
GOVERNMENT OF WEST BENGAL
2007

ANNUAL REPORT OF THE DEPARTMENT OF HIGHER EDUCATION, 2006-2007

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FOREWORD

The present volume of the Annual Report of the Department of Higher Education presents the status of higher education in the State of West Bengal during the year 2006-2007 and describes in particular, the activities of the department and also the various organizations and institutions attached to the Department of Higher Education.

There have been perceptible developments in various spheres of higher education during the year. The State Government has been striving to maintain its commitment for expansion of the base of higher education and maintenance of quality. At the same time utmost efforts are being made to ensure that access to higher Education is not denied to anyone merely due to financial constraints. The State Govt. has introduced from the academic year 2006-2007, a new scholarship scheme, 'West Bengal Merit-cum-Means Scholarship' for providing financial assistance to the poor but meritorious students of the State pursuing their studies at various Post-Madhyamik levels.

The State Government works under large number of Central Regulatory Agencies with their innumerable fiats in the name of standardizing and improving quality education in a manner where access to higher education is being restricted. We have brought this matter to the notice of Government of India. We are mainly concerned about the National Knowledge Commission's recent recommendation for establishing an All India Regulatory Authority of Higher Education.

We attach highest degree of priority for quality of education, equity and access to higher education for all. An education map has been prepared with active support from the Department of Science and Technology of this Government. This will reduce regional imbalances while setting up of new colleges and opening new subjects in our institutions.

During the year 2006-2007, seven new general degree colleges with full financial commitment from the State Government under 'pay packet scheme' have been established. 16 more such colleges have also been cleared for next financial year. In addition, three B.Ed. colleges, three Physical Education Colleges and four Law collegesl have been approved to be established on self-financing basis.

Establishment of 2 new State-aided Universities and three Government colleges in backward areas of the State are also under active consideration of the State Government.

National assessment and Accreditation Council under UGC have accredited the universities and colleges of the State. Similarly, National Board of Accreditation set up under the aegis of AICTE has accredited a good number of Engineering and Technology institutions. At the time of preparing the report, 119 colleges have been accredited. Out of these, 3 colleges received A+, 10 colleges A and 23 colleges received B++ grade. As regards Engineering and Technology colleges, three technology programmes, leather, ceramic and textile in four erstwhile technology colleges and three engineering programmes in each of the two Government Engineering and Technology colleges i.e. Jalpaiguri Government Engineering College and Kalyani Government Engineering College have been accredited. In addition a good number of undergraduate engineering programmes in self financing Engineering and Technology colleges have also received NBA accreditation.

Apart from NAAC accreditation, the State Government has also evolved a method to measure the performance of the individual colleges based on college specific socio-economic and location specific data.

In order to upgrade the quality of technical education in the State, Technical Education Quality Improvement Programme with World Bank assistance, has been sanctioned by Govt. of India in 2004. A total provision of

Rs.130 crores out of lifetime allocation of Rs.153 crores was made in the state Budget for three years, upto 2006-2007. Utilizing the amount, the three universities (Jadavpur University, Bengal Engineering and Science University and Calcutta University) acting as lead institutes and 8 colleges including 4 private self-financing colleges have strengthened their infrastructure and brought about qualitative improvement in technology education. Progress of the State towards achieving the objectives of TEQUIP, has been significant.

In order to supplement the efforts of various non-Govt. organizations and autonomous institutions in expanding their social, cultural and educational activities throughout the State, a total amount of Rs.3,81,05,350/- was released during the year. Organisations like, 1) Bankim Bhavan Gavesana Kendra, 2) Paschim Banga Hindi Academy, 3) Netaji Institute of Asian Studies, 4) West Bengal State Book Board, 5) Institut de Chandernagor, Hooghly 6) Institute of Development Studies, Kolkata, 7) Jagadish Bose National Science Talent Search and a good number of such other institutions have benefited with this fund.

Dated : 29th June, 2007
Bikash Bhawan,
Salt Lake, Kolkata - 700 091

(Sudarsan Raychaudhuri)
Minister- in- charge
Higher Education Department

PREFACE

An attempt has been made to highlight the major activities of the Higher Education Department in the State of West Bengal, in this Annual Report. The data and information available in this compilation would help identification of priority areas of action.

Admittedly, the base of higher education facilities in the State of West Bengal has expanded significantly, in the last few years. There has been marked growth in student enrollment in colleges and universities. Quality upgradation, improving upon accessibility and inclusive growth happen to be the major thrust areas of action in the plans and programmes of the Higher Education Department. To facilitate quality upgradation new posts of teachers and non teaching staff and technical personnel were created, both in degree colleges and engineering colleges, all over the State of West Bengal in 2006-2007. All categories of educational institutions have been advised to get themselves accredited by the National Assessment and Accreditation Council of UGC and the National Board of Accreditation of the AICTE. During 2006-2007, the State Government introduced an incentive scheme linked to the overall performance of degree colleges in West Bengal. Eleven engineering colleges including three universities, received assistances under the World Bank supported Technical Education Quality Improvement Programme (TEQIP) towards acquiring new equipments and gadgets, staff development and raising the quality of teaching. There are special provisions in TEQIP to encourage the engineering colleges to extend technical supports to local industries and artisans for improving upon their productivities. Several new educational institutions were set up in identified backward areas in the State of West Bengal to help students belonging to economically and socially backward families access higher education facilities. The private engineering colleges have been advised to earmark certain percentages of seats for award of full freeship and half freeship. A Merit-cum-Means Scholarship Scheme was introduced by the State Government in 2006-2007, to extend financial assistances to meritorious students belonging to distressed families to pursue higher studies. Several initiatives are being taken to improve upon enrollment of girl students in institutions of higher studies. A series of dialogues were held in 2006-2007, with the industries and business houses in West Bengal to secure a tie-up between functioning of technical institutions and need for trained manpower in the State of West Bengal, during the next 5, 10 and 15 years.

We hope this publication would help the policy planners, educationists, administrators and research organisations to identify the strengths and weaknesses of the higher education infrastructures in West Bengal and come up with considered views for further improvements. The Higher Education Department will be grateful to receive comments and suggestions from the readers.

Dated : the 6th July, 2007
Bikash Bhawan,
Salt Lake, Kolkata - 700 091.

(Asok M. Chakrabarti)
Additional Chief Secretary

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His Excellency Governor of W.B. and Chancellor Burdwan University attending the Convocation of Burdwan University.

Hon'ble MIC, Higher Education attending the meeting on "Quality in Higher Education need of the day" organised by Bengal National Chamber of Commerce on 13th April, 2007.

Second Annual Convocation of West Bengal University of Technology held in August, 2006.

Hon'ble M.I.C. Higher Education in the Inaugural ceremony of NSS State Level Quiz Contest at Alipore.

142nd Annual Exhibition Function (2006-2007) of the Govt. College of Art and Craft, Calcutta.

8th Inter Non-Govt. College State Athletic Meet and Football Championship-2007 at Sai Complex, Salt Lake, Kolkata.

'Machine Lab' of Jalpaiguri Govt. Engineering College set up under Technical Education Quality Improvement Programme.

Spinning Laboratory at Govt. College of Engineering & Textile Technology Serampore set up under Technical Education Quality Improvement Programme.

CHAPTER – 1

HIGHER EDUCATION IN WEST BENGAL

AT A GLANCE, 2006 - 2007

CHAPTER – 1

HIGHER EDUCATION IN WEST BENGAL

AT A GLANCE

2006 - 2007

A. UNIVERSITIES :

(1) UNIVERSITIES AIDED BY THE STATE GOVERNMENT IN THE DEPARTMENT OF HIGHER EDUCATION ALONGWITH NUMBER OF AFFILIATED COLLEGES, ETC.

UNIVERSITY	No. of Departments	No. of faculty	No. of teachers	General degree colleges	Education Colleges	Physical Edn. Colleges	Law Colleges	Management Colleges	Art Colleges	Music Colleges	Home Sc. College	Eng & Tech Colleges	Special Institutes	Total No. of Colleges
1. Calcutta University	59	5	698	161	21	3	7	1	1	1	–	–	1	**196**
2. Burdwan University	28	2	215	86	14	2	5	–	1	1	–	–	2	**111**
3. Vidyasagar University	19	3	117	36	6	–	2	–	1	–	–	–	–	**45**
4. Kalyani University	22	4	245	36	8	1	3	–	–	–	–	–	–	**48**
5. North Bengal University	22	3	148	60	13	2	2	–	–	–	–	–	–	**77**
6. Jadavpur University	35	3	636	1	1	–	–	–	–	–	1	–	–	**3**
7. Rabindra Bharati University	22	3	155	–	–	–	–	–	1	–	–	–	–	**1**
8. Bengal Engineering & Science University	12	2	179	–	–	–	–	–	–	–	–	–	–	–
9. Netaji Subhas Open University	5	–	12	–	–	–	–	–	–	–	–	–	–	–
10. West Bengal University of Technology	7	–	32	–	–	–	–	8	–	–	–	52	–	**60**
Total	–	–	**2437**	**380**	**63+1***	**8**	**19**	**9**	**4**	**2**	**1**	**52+8****	**3+1#**	**551**

* Bon Hooghly College of Orthopadically Handicapped (Central Govt. aided);

** Exclude Six University College / Department and two Central Govt. funded institutions;

\# Calcutta Madrasah College.

(2) UNIVERSITIES AIDED BY THE STATE GOVERNMENT IN OTHER DEPARTMENTS :

1. Bidhan Chandra Krishi Viswavidyalaya.
2. West Bengal University of Animal and Fishery Sciences.
3. West Bengal National University of Juridical Sciences.
4. Uttarbanga Krishi Viswavidyalaya.
5. West Bengal University of Health Sciences.

(3) OTHER UNIVERSITIES :

1. Ramkrishna Mission Vivekananda Educational and Research Institute (RKMVERI)

(4) CENTRAL UNIVERSITIES :

1. Visva-Bharati
2. Indira Gandhi National Open University, Regional Centre

B. INSTITUTES WITH SPECIAL STATUS :

1. Indian Institute of Management, Joka
2. Indian Institute of Technology, Kharagpur
3. Indian Statistical Institute, Baranagar
4. National Institute of Technology, Durgapur

C. INSTITUTION OF NATIONAL IMPORTANCE :

1. Asiatic Society.

D. IMPORTANT RESEARCH INSTITUTIONS :

1. Bose Institute
2. Central Glass & Ceramic Research Institute
3. Centre for Studies in Social Sciences
4. Central Mechanical Engineering Research Institute, Durgapur
5. Indian Association for the Cultivation of Science
6. Indian Institute of Chemical Biology
7. Institute of Historical Studies
8. Netaji Institute for Asian Studies
9. Saha Institute of Nuclear Physics

10. Satyendra Nath Bose National Centre for Basic Sciences
11. Variable Energy Cyclotron Centre.

E. IMPORTANT INSTITUTES/ORGANISATIONS ATTACHED TO THE DEPARTMENT OF HIGHER EDUCATION :

1. WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION :

Planning and co-ordination in the area of Higher Education.

2. WEST BENGAL COLLEGE SERVICE COMMISSION :

Conducts State Level Eligibility Test (SLET) for preparation of merit lists for recruitment to the posts of Lecturers in affiliated degree colleges and also recommends candidates for recruitment to the posts of Principals.

3. DISTRICT GAZETTEERS :

The office of the State Editor, West Bengal District Gazetteers was set up in the late fifties to implement the Government of India scheme of revision of gazetteers which were compiled and published during the British Rule. It is engaged in research, compilation and publication of gazetteers and other allied literature. There is an Advisory Committee consisting of scholars and academicians to advise the State Editor.

4. STATE ARCHIVES :

The Archives is the repository of old historical records of the Government.

5. STATE BOOK BOARD :

The State Book Board was established in 1970. The Board has published 838 Books for undergraduate and postgraduate courses in 31 subjects. So far 10 (ten) new books as per the new syllabus and about new editions and the reprints were published during this period.

6. INSTITUT DE CHANDERNAGOR :

A centre for French language studies. There is also a museum at the Institute.

7. INSTITUTE OF ENGLISH :

The Institute was founded by the Govt. of West Bengal in collaboration with the British Council in 1963. It enjoys full academic autonomy in devising courses and syllabus, conducting examinations and conferring diplomas.

F. COLLEGES :

1. DIFFERENT TYPES OF COLLEGES

Government Colleges	General Degree Colleges	17
	Colleges for Education	7
	Colleges for Physical Education	4
	Art College	1
	Law College	1
	Engineering & Technological Colleges	6
	Calcutta Madrasah College	1
	Total	**37**
Non-Govt. & Self financing Colleges	General Degree Colleges	363
	Colleges for Education	57
	Colleges for Physical Education	4
	Law College	18
	Home Science College	1
	Music College	2
	Art College	3
	Special Institution	3
	Business Management / Business Administration College	9
	Engineering & Technological Colleges including University Engg. Dept.	54
	Total	**514**
	Total Colleges in West Bengal	**551**

2. POST-GRADUATE COURSES IN GENERAL DEGREE COLLEGES

Sl. No.	Name of Colleges with affiliating University	Subjects introduced at Post-Graduate Level
Calcutta University		
1.	Presidency College, Calcutta	Physics, Chemistry, Geology, Zoology, Physiology, Botany, Geography, Applied Economics, Hindi Environmental System Management, Molecular Biology & Genetics, English
2.	Bethune College	Botany, Zoology
3.	Maulana Azad College	Zoology
4.	Lady Brabrourne College	Geography, Microbiology, Mathematics
5.	Barasat Govt. College	Botany
6.	Goenka College of Commerce and Business Administration	Commerce
7.	Bidhannagar College	Zoology, Microbiology
8.	Taki Govt. College	Bengali
9.	Sanskrit College	Sanskrit
10.	Asutosh College, Kolkata	Environmental Science
11.	Dinabandhu Andrews College	Zoology
12.	A.P.C. College, New Barrackpore	Microbiology, Electronics
13.	Rastraguru Surendranath College, Barrackpore	Microbiology, Computer Sciences
14.	St. Xavier College	Computer Science
15.	Scottish Church College	Zoology

16.	Bongaon Dinabandhu Mahaviddyalaya	Bengali
17.	R. K. M. Residential College, Narendrapur	Chemistry, Physics
18.	Vidyasagar College	Zoology
19.	Bijoygarh Jyotish Roy College	Micro Biology
20.	Belur Ram Krishna Mission	Mathematics, Sanskrit
21.	Fakir Chand College, Diamond Harbour	Education
22.	David Hare Training College	M.Ed., M. Phil (with Netaji Open University)
23.	Post Graduate Training College for Physical Education, Banipur	Physical Education (M.P.Ed)
24.	Institute of Education for Women, Hastings House, Alipore	M.Ed.
25.	State Institute of Physical Education for Women, Hastings House, Alipore	M.P.Ed.
26.	Govt. College of Art and Craft	Visual Arts (MVA)
Burdwan University		
27.	Hooghly Mohsin College, Hooghly	Political Science, Physiology, Commerce, English
28.	Chandernagar College, Hooghly	Geography, Bengali
29.	Bankura Christian College	English, Bengali
30.	Durgapur Govt. College	Geology
31.	B. B. College, Asansol	Physics
32.	J. K.College, Purulia	Mathematics
33.	Burdwan Raj College	Bengali

34.	Burdwan Vivekananda College	Chemistry
35.	Burdwan M.U.C. College	English
Kalyani University		
36.	Krishnagar Govt. College	Philosophy & Geography
37.	Krishnanath College, Berhampore, Murshidabad	Sericulture, Physiology, Sanskrit
38.	Kanchrapara College, Kanchrapara, 24-Parganas(N)	Hindi
North Bengal University		
39.	A. B. N. Seal College	Bengali, Sanskrit, Zoology
40.	Darjeeling Govt. College, Darjeeling	Zoology, Botany, English, Nepali
41.	Malda College	English & History
42.	Balurghat College	Bengali & Commerce
43.	Raiganj College	Bengali
44.	Ananda Chandra College	Bengali
Vidyasagar University		
45.	Jhargram Raj College	Chemistry, Zoology,
46.	Raja N. L. Khan Women's College	Zoology
47.	Midnapore College	Physics / Chemistry
48.	Khragpur College	Bengali
49.	Rabindra Satabarshiki Mahavidyalaya	Sanskrit
50.	Prabhat Kumar College	Physics
51.	Tamralipta Mahavidyalaya	Bengali
52.	Panskura Banamali College	Computer Science

*** 30 - PG Courses**

G. SCHOLARSHIPS AND STIPENDS RELEASED :

In the year being reported here (2006-2007), the number of scholarships/stipends which were released is indicated below :

National Scholarship (monetary benefit) :

Madhyamik (fresh)	–	563
Madhyamik (renewal)	–	356
Higher Secondary	–	216
Degree (Graduation)	–	454
High Madrasah	–	11
	–	1600

National Merit Scholarship	–	182	
D.P.I. Special Stipend (General Stipend)	–	254	
D.P.I. Special Stipend (Ad-hoc grant)	–	114	(distributed among four institutions)
Hindi Scholarship	–	217	

H. ENROLMENT OF STUDENTS IN DIFFERENT AREAS OF STUDY IN UNIVERSITIES AND COLLEGES (2006 - 2007)

Areas of Study	Boys				Girls				GRAND TOTAL
	Gen	SC	ST	Total	Gen	SC	ST	Total	
Arts	194196	45904	13366	253466	200480	23933	4767	229180	482646
Science	70567	7775	1174	79516	35394	2819	581	38794	118310
Commerce	79886	3809	797	84492	21721	775	424	22920	107412
Education	6497	1644	324	8465	3249	679	114	4042	12507
Law	3834	304	86	4224	2695	122	64	2881	7105
Engineering	36576	5846	705	43127	9769	1190	191	11150	54277
Management	7312	703	50	8065	3721	279	32	4032	12097
Others	4343	1049	332	5724	1978	243	141	2362	8086
TOTAL	**403211**	**67034**	**16834**	**487079**	**279007**	**30040**	**6314**	**315361**	**802440***

*This exculdes enrolment of students in :

1) Central universities located in West Bengal, State aided universities attached to the Deptts of Law, Agriculture, Animal & Fishery Sciences and Health & Family Welfare.

2) Central Institutes/Institutes managed by Central Agencies etc. located in West Bengal (e.g. ISI, Baranagar, IIM, Joka etc).

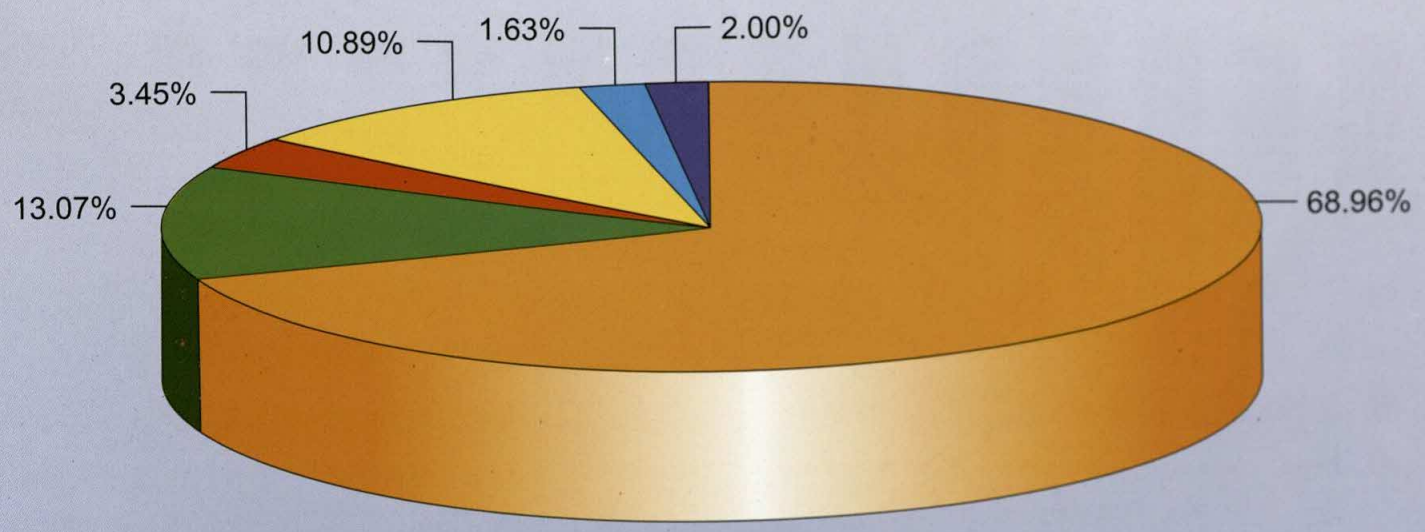
I. NATIONAL SERVICE SCHEME :

An overview of activities undertaken by N.S.S. :-

There are two broad categories of work done by the N.S.S. volunteers (i) Regular activities and special camping programmes. All the N. S. S. units under different Universities have undertaken regular activities and special camping programme as usual. An in other years, many N.S.S. volunteers from West Bengal also participated in the National level N.S.S. camps, particularly in the National Integration Camps held elsewhere in India and brought a number of laurels.

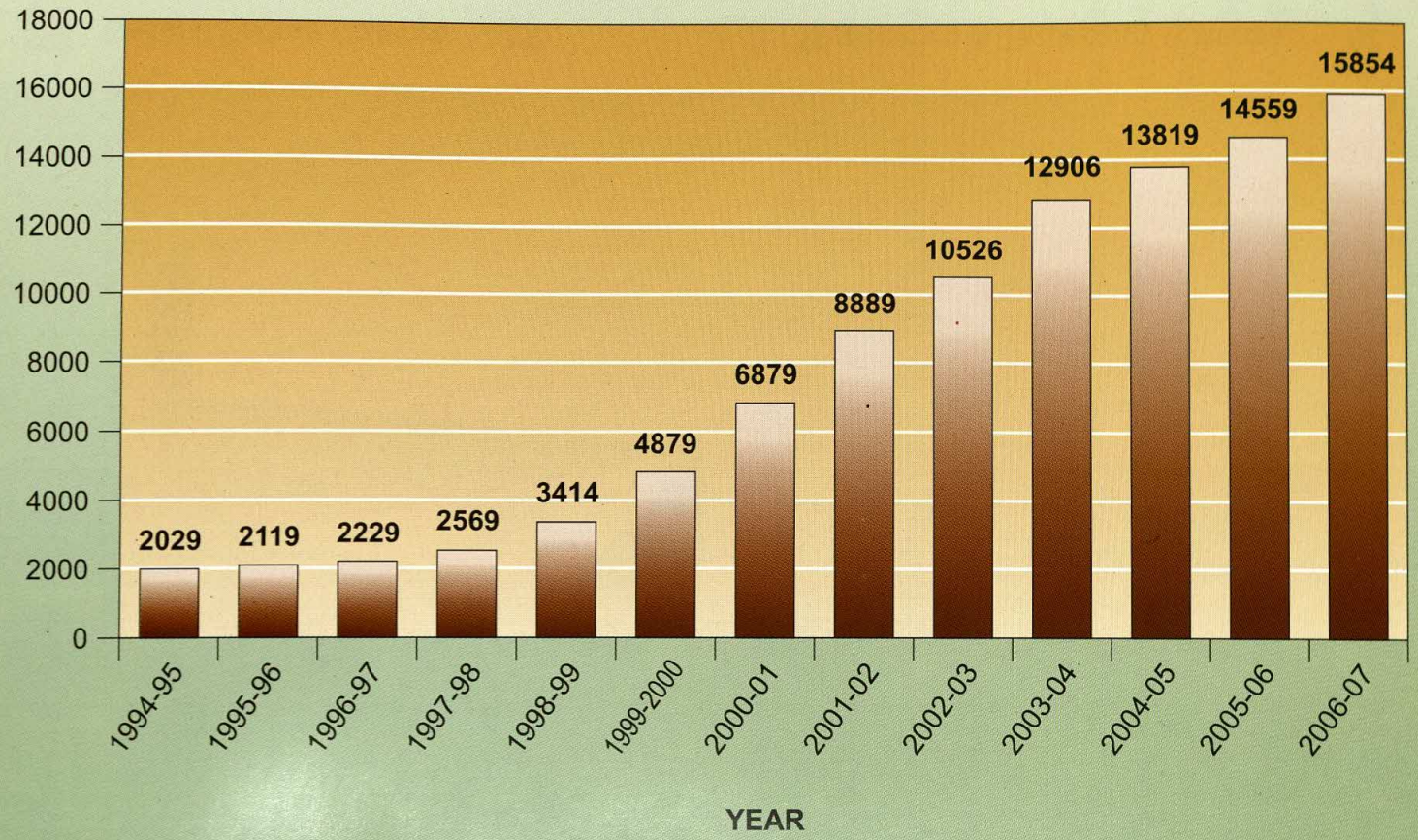
J. CHARTS / GRAPHICAL REPRESENTATION OF GROWTH OF COLLEGES ETC.

DISTRIBUTION OF DIFFERENT CATEGORIES OF COLLEGES IN THE STATE

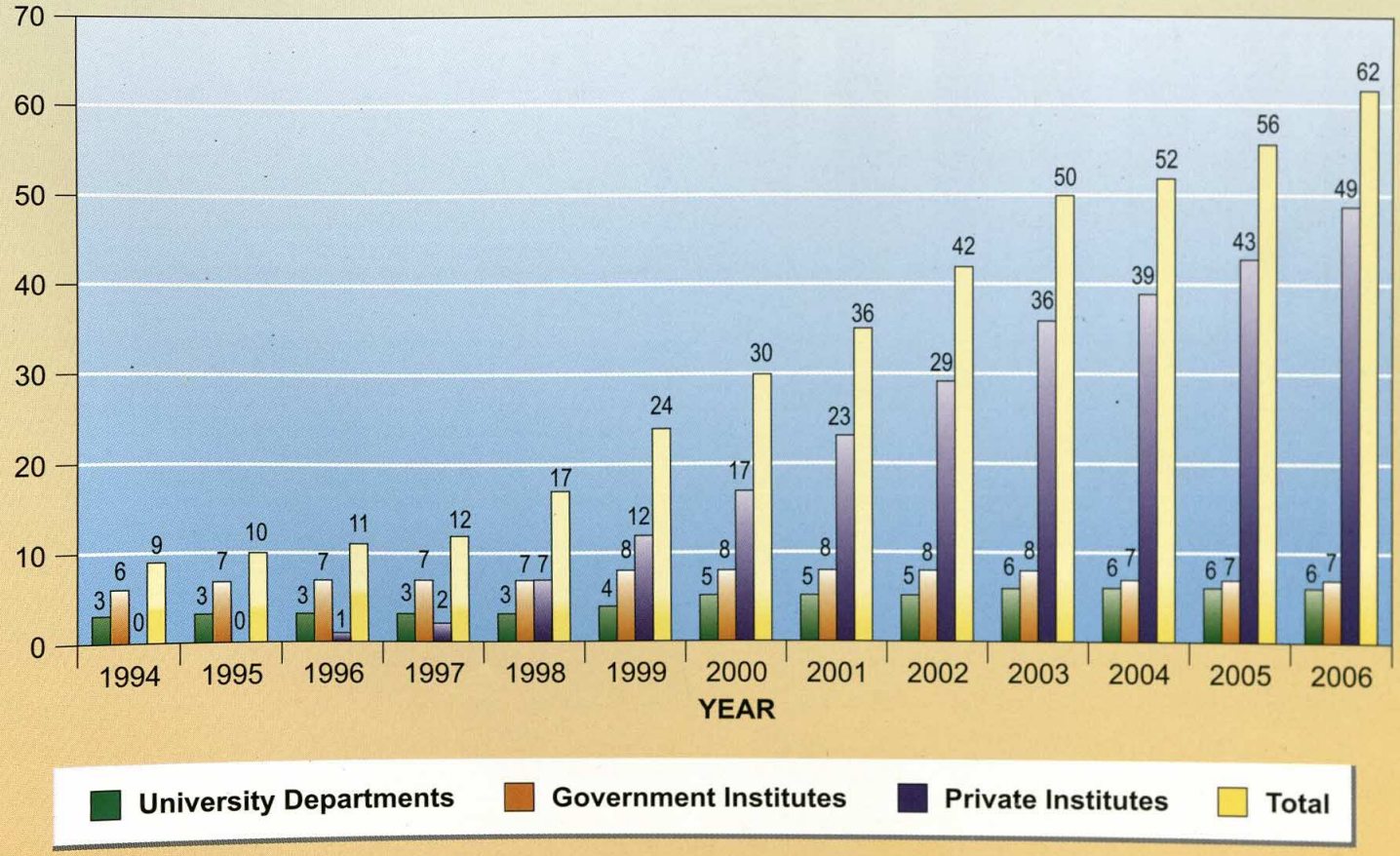


General Degree Colleges	380	Engineering & Technology Colleges	62
Teachers Training Colleges	72	Management Colleges	9
Law Colleges	19	Art. Music, Home Science Colleges	11

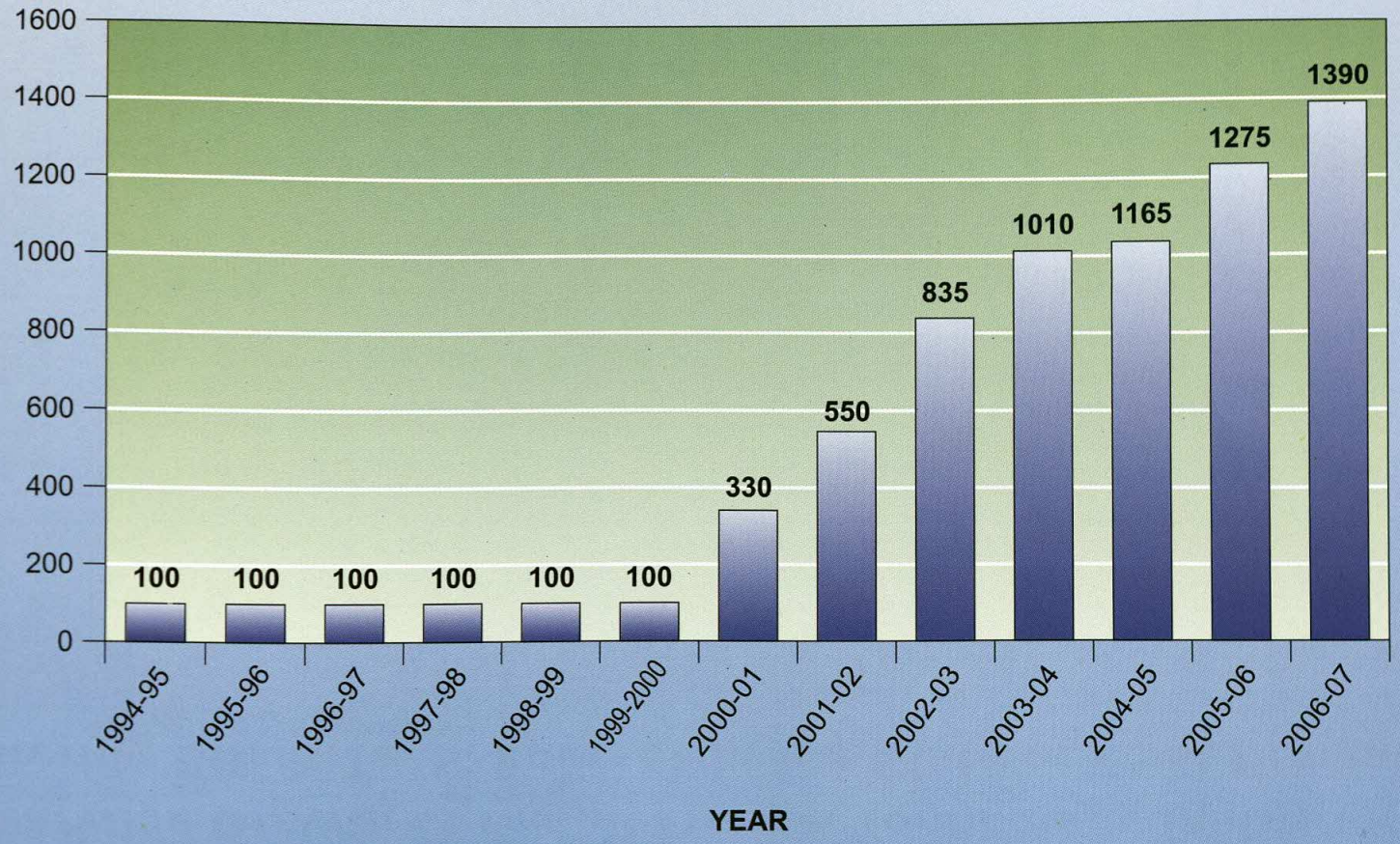
YEARWISE GROWTH OF INTAKE CAPACITY IN B.E./B.TECH COURSES



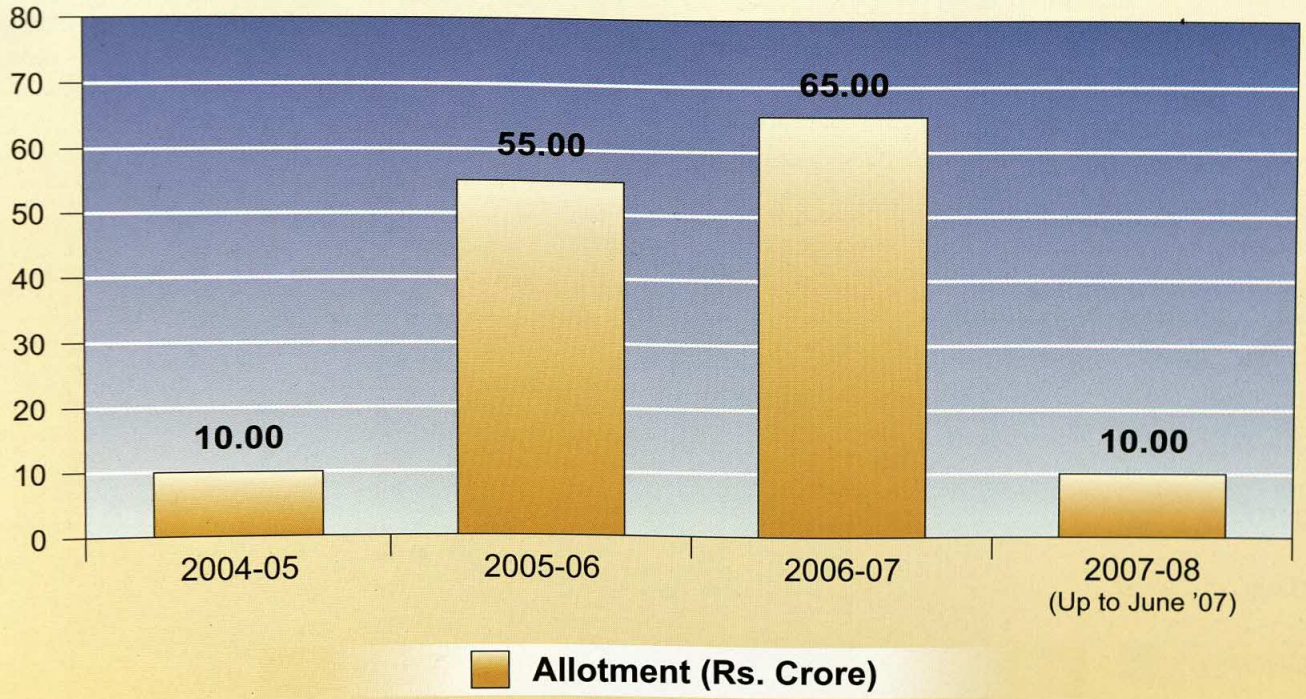
Yearwise Growth of Engineering & Technology Institutes offering B.E./B.Tech. courses in the State of West Bengal



YEARWISE GROWTH OF INTAKE CAPACITY IN MCA COURSE



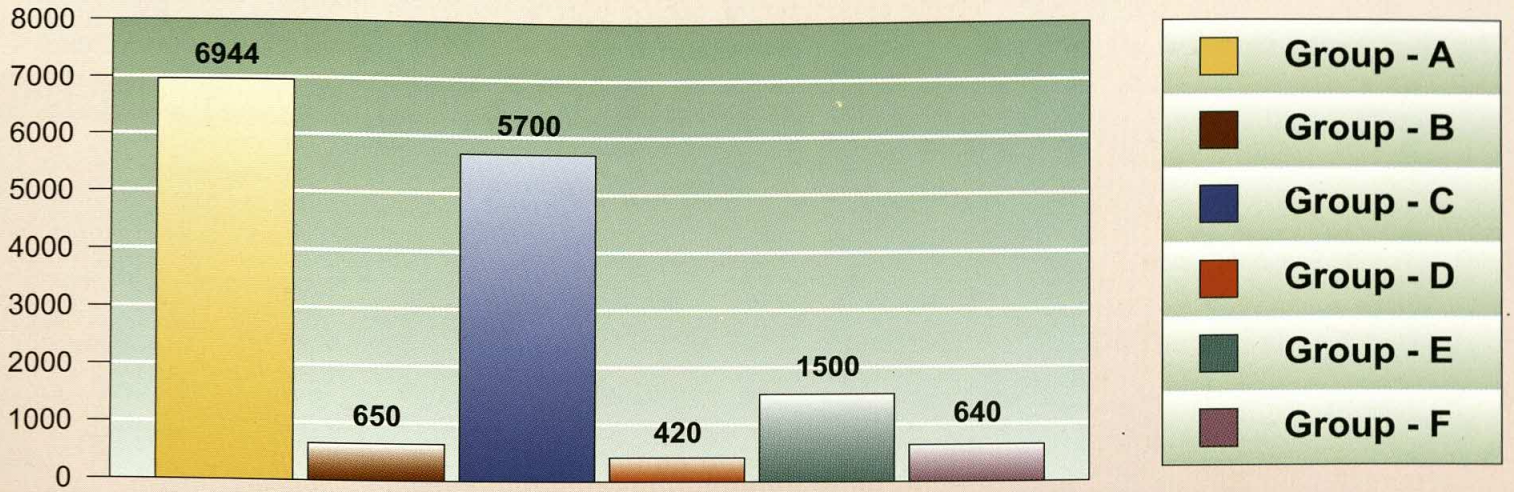
World Bank-Assisted Govt. Of India Sponsored Programme (TEQIP)
Release of Fund to the Programme Institutions & SPFU



Institutions selected under TEQIP :

1. Jadavpur University, 2. Bengal Engineering and Science University, 3. University College of Science & Technology (Calcutta University) 4. Kalyani Govt. Engg. College, 5. Jalpaiguri Govt. Engg. College, 6. Govt. College of Engg. & Ceramic Technology, 7. Govt. College of Engg. & Textile Technology, Serampur, 8. Haldia Institute of Technology, 9. Institute of Engineering & Management, 10. Netaji Subhas Engg. College, 11. Asansol Engg. College.

Groupwise distribution of Seats in B.E./B/Tech. Courses in 2006-07



Group - A Core Disciplines	Group - B Specialized Disciplines	Group - C I. T and I. T. Enabled Disciplines	Group - D Bio & Allied Disciplines	Group - E Newly amalgamated disciplines	Group - F Pharmacy
Electronics, Civil, Mechanical, Electrical, Metallurgy, Mining,Marine, Architecture	Leather, Textile, Ceramic, Power, Jute, Production, Printing, Automobile, Food,	Information Technology, Computer Science	Bio-Technology, Bio-Medical Engineering	Applied Electronic & Instrumentation, Electrical & Electronics, Electronics & Instrumentation & Control Engineering	Bachelor of Pharmacy

CHAPTER – 2

ADMINISTRATIVE SET UP OF THE HIGHER EDUCATION DEPARTMENT

2.1 Introduction

2.2 Administrative set up

2.3 Functionaries in the Department of Higher Education

2.4 Universities and other important Organisations / Institutions attached to the Deptt. of Higher Education

CHAPTER – 2

ADMINISTRATIVE SET UP OF THE HIGHER EDUCATION DEPARTMENT

2.1 INTRODUCTION

This report is being published for the 15th year in succession. It presents the status of higher education in the state of West Bengal. It describes in particular, the activities of the Department of Higher Education of the Government of West Bengal for the year 2006-2007. It also contains an account of the activities of different organisations and institutions attached to the Department of Higher Education as furnished by the organisations/institutions themselves. However, the report does not provide information on other departments concerned with education. The report does not have any relevance as a Government Order or official policy pronouncement.

PRESENT STATUS

The Higher Education Department is the successor to the erstwhile Department of Education. The Department of Mass Education Extension was carved out of the Department of Education to deal with, among other things, the subject of adult education, in terms of Notification No 5106-A.R. dated the 21st April, 1988. The Department of Technical Education & Training was similarly created in terms of Notification No 16129-A.R.dated the 29th June, 1991. The Polytechnic institutions which had so long functioned under the Higher Education wing of the erstwhile Education Department were taken over by the newly created department. Finally, the Education Department was abolished and in its place were created two departments, namely, the School Education Department and the Higher Education Department in terms of Notification No 670-Home (Cons) dated, the 8th Nov, 1995.

2.2 ADMINISTRATIVE SET UP

The highest executive of the Higher Education Department is the Minister-in-Charge of the Department.

The Principal Secretary is the official head of the Department of Higher Education. He is assisted by Special Secretaries, Joint Secretaries, Deputy Secretaries, Assistant Secretaries and Officers on Special Duty. The Principal Secretary also functions as the Secretary to the Chancellor of the State Universities connected with the Department.

ADMINISTRATIVE SET UP

The Department of Higher Education is comprised of a number of branches and cells, namely, Establishment Branch, Budget Branch, University Branch and Chancellor's Secretariat, Non-Govt. College Branch, Govt. College Branch, Appointment Branch, Technical Education Branch, Archives Branch, Miscellaneous and Social Education Branch, Pension Cell, N. S. S. Cell, Vigilance Cell, Audit Cell and Computer Cell.

EDUCATION DIRECTORATE

The commitment of the Department of Higher Education in financial and administrative matters of the Colleges (Govt. and Non-Govt.) is carried out through the Education Directorate. The Directorate is headed by the Director of Public Instruction who is also an ex-officio Secretary to the Govt. of West Bengal.

The D.P.I. is assisted by Addl. Directors of Public Instruction (A.D.P.I), Joint Directors of Public Instruction (J.D.P.Is), Deputy Directors of Public Instruction, Asstt. Director of Public Instruction. The sections of the Education Directorate which deal with various matters related to the Colleges include Appointment, College (Non-Govt. and Govt.), Pay Packet (PPS), U.G.C., Training, Accounts, Physical Education, Scholarships & Stipends, Planning & Statistics (P & S), Social Education, Hindi Education, National Cadet Corps (N.C.C.) and Law. There are also some special cells under the Directorate, namely, Audit Cell, Integrated Law Cell, etc. The sectional activities are performed under the supervision of different JDPIs, DDPIs. Besides, there are Accounts and Administrative Officers who supervise functions like release of pay packet, grants, pension, drawal of salaries etc.

DISTRICT LEVEL ADMINISTRATION

There are three Regional Education Offices under the Education Directorate located in Calcutta, Chinsurah and Jalpaiguri, controlling Presidency, Burdwan and Jalpaiguri divisions respectively. Deputy Regional Education Officers (D.R.E.O.) are in charge of these three offices now. They have the status of an Jt..D.P.I. The D.R.E.O.s assist the D.P.I. in the supervision of the Non-Govt. Colleges. The D.R.E.O., Jalpaiguri also releases the pay packet for colleges in all the districts of Jalpaiguri division excepting Malda district.

DIRECTORATE OF TECHNICAL EDUCATION

The Higher Education Department exercises administrative and financial control over the engineering and technological colleges in this State through the Directorate of Technical Education which is headed by the Director of Technical Education (D.T.E.). The D.T.E. is assisted by a Joint Director of Technical Education, Deputy Directors of Technical Education, Assistant Directors of Technical Education and other staff members.

THE WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

It was established in 1994 with a view to assisting the Department in formulating policy and implementation of certain matters entrusted to it. The office bearers of Council have also been assigned certain statutory functions under the West Bengal Prohibition of Ragging in Educational Institutions Act, 2000. Minister-in-charge of the Department is the Chairman of the Council.

WEST BENGAL COLLEGE SERVICE COMMISSION

The Commission came into existence in 1979. It prepares merit panels of candidates eligible for recruitment to the posts of Lecturer in different subjects in non-government colleges affiliated to the universities of West Bengal. It also recommend candidates for appointment in the vacant posts of Principal in these colleges. The Commission also organises State level Eligibility Test (SLET) for Lecturership in Universities and Colleges.

WEST BENGAL DISTRICT GAZETTEERS

This wing of the Department publishes or reprints the Gazetteers of different districts of West Bengal, the State Gazetteer and allied literature.

PASCHIM BANGA HINDI ACADEMY

This Academy has been promoting education in Hindi in West Bengal since 1990.

STATE ARCHIVES

It is a specialised wing of the Department of Higher Education functioning as a repository of historical official records.

OTHER ORGANISATIONS / INSTITUTIONS ATTACHED TO THE DEPARTMENT

The organisations/institutes, which come under the administrative and financial jurisdiction of the Department of Higher Education in this State, are :

(a) Ten State-aided Universities including newly upgraded Bengal Engineering & Science University,

(b) Degree Colleges (including professional colleges like Engineering and Technological Colleges, Management, Law, Physical & Teacher's Education but excluding Medical, Veterinary, Dental and Agriculture Colleges),

(c) Various Academic Institutes & Research Organisations of higher learning,

(d) State Book Board,

(e) Paschim Banga Hindi Academy,

(f) Day Students' Homes.

AUTONOMOUS / VOLUNTARY ORGANISATIONS

Various autonomous/voluntary organisations engaged in the promotion of science, arts and culture and receive grants from the Department of Higher Education. (illustrative) :

(a) Bangiya Bignan Parishad.
(b) Bangiya Sahitya Parishad.
(c) Centre for Studies in Social Sciences.
(d) Jagadish Bose National Science Talent Search.
(e) Indian Association for the Cultivation of Science.
(f) Institute of Development Studies.
(g) R. K. Mission Institute of Culture.
(h) Indian School of Social Sciences.
(i) Institute of Historical Studies.
(j) Institute of Science, Education and Culture.
(k) Netaji Institute of Asian Studies.
(l) Paschim Banga Itihas Samsad.
(m) Socio-economic Research Institute.

2.3 FUNCTIONARIES IN THE DEPARTMENT OF HIGHER EDUCATION

Minister-In-Charge	Prof. Sudarsan Raychaudhuri	2334-6181 (D) Ext. 3011, 3012 Fax-2337-6783
Private Secretary	Shri Soumitra Sengupta	
Confidential Assistant	Shri Prasanta Dey	

DEPARTMENT OF HIGHER EDUCATION

Additional Chief Secretary	Shri Asok M. Chakrabarti, IAS	Overall charge of the Deptt.	2337-8573 (D) Ext. 3091 Fax-2358-7266 E.mail : pshe@wb.nic.in
Special Secretary	Shri Sabyasachi Roy, IAS	Estt. Branch, Budget, Assembly & Parliament Matters – Overall Coordination among different Branches/Sections, State Gazetteers matters, State Archives, Instt. of Science Education and Research (ISSER) matters, Alipore Instt. of Management & Technology, Distance Education, State-aided universities, Law Matters, Merit-cum-Scholarship Scheme	2337-6564 (D) Ext. 3092

		of the State Govt., Performance Colleges, Dhirubhai Ambani Instt. at Haringhata. Spl. Secretary may dispose of urgent matters independently and submit emergent and important files directly to MIC. He may however, keep Addl. C.S. informed of important matters at the earliest opportunity.	
Joint Secretary	Shri D. C. Chakrabarti, IAS	All matters relating to State-aided Universities including W.B. State Council of Higher Education, All matters in respect of Chancellor's Secretariat, Coordination with GOI-HRD & UGC, Audit matters, Vigilance matters Departmental enquiries, Victoria Memorial Hall, Bankim Bhavan Gabesana Kendra.	2321-2550 (D) Ext. 3098
Joint Secretary	Shri M. Biswas, WBCS (Exe.)	Matters relating to Engineering & Tech. and Management Colleges including B.E. College (Govt. portion),WBUT (Tech. matters), World Bank Scheme (TEQIP), the works of Computer Cell, Statistics/ Annual Reports, Private Engg. & Management Institution, Protocol, E-Goverence, Fee Structure Committee, Right to Information Act., Protocol & VIP, DAIICT, NIPER.	2334-2605 (D) Ext.-3094 e-mail : manotosh_biswas@ yahoo.com
Joint Secretary	Shri JItendra Nath Bhattacharya WBCS (Exe.)	C. S. Branch, establishment of new colleges including B.Ed Colleges but excluding Technical Colleges. College Service Commission matter reservation policy, Introduction	2321-0058 (D) Ext.-3102

		of new courses in colleges. NAAC matters, Educational Training-BEd/MEd/NCTE, Education etc., State Accredition of Colleges, Institute de Chandernagar.	
Deputy Secretary	Smt. Ratna Mukhopadhyay, WBSS	Appointment Branch (Government Colleges) Government Colleges Branch DPI's Establishment.	2321-0069 (D) Ext.-3065
Deputy Secretary	Shri Swaraj Ghosh, WBSS	Establishment Branch. Reservation, including OBC, SC, ST, Disability. Pension Cell, Vigilance Cell, Public Grievance Cell, Rabindra Rachanabali Cell.	2337-6740 (D) Ext.-3024
Deputy Secretary	Shri K. K. Bhowmick WBSS	Social Education Branch, Budget Branch, Assembly & Parliament matters and coordination, Internal Audit.	2337-6740 (D) Ext. 3023
O.S.D. & Ex-officio Deputy Secretary	Shri Manab Chakraborty, WBCS (Exe.)	University Branch.	Ext. 3300
Assistant Secretary	Shri Subir Das, WBSS	Appointment Branch (Government Colleges) Government Colleges Branch. DPI's Establishment	Ext.-3034
Assistant Secretary	Shri Sanjoy Kr. Pal, WBSS	All matters relating to Engineering Colleges, including B.E. College (Govt. portion), World Bank Scheme (TEQIP).	Ext.-3074
Assistant Secretary	Shri Zafar Ahmed, WBSS	C. S. Branch (Part), Protocol	Ext.-3055
Assistant Secretary	Shri Bipul Kumar Roychowdhury WBSS	Establishment Branch	2321-1216 (D) Ext. 3028

Assistant Secretary	Shri Deb Kr. Ghosh WBSS	State Archives	Writers' Buildings Ext. 4022 2214-1339 (Direct)
State Liaison Officer (NSS)	Dr. A. N. Dey	N. S. S. matters.	2334-4734 Ext.-3157
Registrar	Shri Sukumar Roy, WBSS	Establishment, Parliamentary and Assembly matters, Reservations of ST/SC/OBC etc.	2321-1216 (D) Ext.-3068
O. S. D.	Shri Upendra Nath Basu, WBSS	Establishment Branch, Vigilance Cell, Public Grievance Cell, Right to Information Act.	2321-1216 (D) Ext.-3062
O. S. D.	Shri Sandip Kr. De, WBSS	Integrated Law Cell (Law matters, Court Cases etc.)	Ext.-3155
O. S. D.	Shri Bijan Sarkar, WBSS	Chancellor's Secretariat	Ext.-3073
O. S. D.	Shri Ajit Das, WBSS	University Branch	Ext.-3081
O. S. D.	Shri Arun Kr. Chakraborty WBSS	Technical Branch	Ext.-3080
O. S. D.	Shri Nirmal Ch. Choudhury	Appointment Branch	Ext.-3067
Accounts Officer	Shri A. N. Mukhopadhyay WBA & AS	Public Accounts Committee and Audit Cell, Budget Branch.	Ext.-3090
Accounts Officer	Shri A. P. Bhattacharyya WBA & AS	Audit - PAC Matters	

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EDUCATION DIRECTORATE

Director of Public Instruction & Ex-officio-Secretary Higher Education Department	Dr. Subha Sankar Sarkar	Overall charge of the Directorate	2337-8269 (D) Ext 3242
Additional D. P. I. (Administration)	Dr. Tapan Kumar Karpha	Govt. Colleges Matters; Administration of the Directorate	2334-3980 Ext 3263
Addl. D.P.I. (Physical Education) and State Liaison Officer (NSS) [Addl. charge]	Dr. Atindra Nath Dey	Physical Education & NSS matters	2334-4734 (D) Ext 3149 M : 9830524148
Joint D. P. I. (P & S)	Dr. Shamsul Alam	Planning & Statistics; Supervision of some Non-Govt. colleges (Addl. Charge)	Ext 3262 M : 9433531317
Joint D. P. I. (Pay Packet Section) & Liaison Officer (ROA)	Dr. Debesh Roy	Pay Packet of some Non-Govt. colleges; Authentication of Roster of Apptt. (ROA)	2334-0070 (D) Ext 3261
Joint D. P. I. (UGC)	Dr. Asis Kr. Mukherjee	Service matters of some Non-Govt. colleges	Ext 3153 M : 9830489569
Joint D. P. I. (Hindi)	Dr. Alakananda Bhattacharya	Hindi Education; Hindi Academy	2219-1277 (D) M : 9830301746
Joint D. P. I. (UGC)	Vacant		Ext 3274
Joint D. P. I. (NGC)	Dr. Madan Mohan Majumdar	Service matters of some Non-Govt. colleges; House building loan matters	Ext 3150 M : 9433361884
Addl. D. P. I. (Training) [Addl. charge]	Dr. Pranab Krishna Choudhury	Training Colleges, Pay Packet of some Non-Govt. colleges	Ext. 3148 M : 9830283561
Joint D. P. I. (UGC)	Dr. Bandana Chakraborti	Service matters of some Non-Govt. colleges	2334-0069 (D) Ext 3152

Deputy D. P. I. (NGC)	Dr. Debdarpan Khan	Service matters of some Non-Govt. colleges	Ext 3151
Joint D. P. I. (UGC) & State Asstt. Public Information Officer	Shri Sandip Kumar Pandit	Service matters of some Non-Govt. colleges Matters concerning Right to Information	Ext 3154 M : 9433304096
D.R.E.O. (Presidency Division) & Ex-officio Asstt. D. P. I.	Shri Shuvra Dey	In respect of Collges of Presidency Division	Ext 3161 M : 9433911989
D.R.E.O. (Burdwan) & Ex-officio Deputy D. P. I.	Dr. Ashis Ghosh	Supervision of some Non-Govt. colleges	2680-5188 (D)
D.R.E.O. (Jalpaiguri) & Ex-officio Joint D. P. I.	Shri Krishna Deb Goswami	Supervision of some Non-Govt. colleges; Pay Packet of some Non-Govt. colleges	(03561) 230281
Deputy D. P. I. (NCC) and Deputy D. P. I. (Scholarship & Stipend) (additional charge)	Shri Subrata Ghosh	NCC matters and Scholarship & Stipend	Ext 3157 M : 9433271418
Administrative Officer	Vacant	To assist in administrative matters	Ext 3155
Deputy Director (Accounts) of Public Instruction	Shri Hirak Mukhopadhyay	Management of Fund of Endowment Trusts; P. F. Loans and Advances and other financial matters; DDO of the Directorate	Ext 3159 M : 9433107151
Deputy Director (Accounts) of Public Instruction	Shri Joydev Pal	Sanction of pension to Non-Govt. college teachers and other staff	Ext 3281
Deputy Director (Accounts) of Public Instruction	Shri Samir Kr. Das	Pay packet of some Non-Govt. Colleges	Ext 3281

Assistant Director (Audit & Accounts) of Public Instruction	Shri Sachindra Nath Roy	Pay packet of some Non-Govt. Colleges	Ext 3281
Assistant Director (Audit & Accounts) of Public Instruction	Smt. Bhaswati Dwibedi	Scholarship & Stipend matters	Ext 3204
Assistant Director of Public Instruction (Accounts)	Shri Sajal Baran Manna	Pay packet of some Non-Govt. Colleges	Ext 3261
Accounts Officer (Internal Audit Cell)	Shri Kalyan Kumar Nandi	Release of pay packets for sponsored colleges and training colleges; Audit of colleges under the control of DPI	Ext 3156
Accounts Officer (Internal Audit Cell)	Shri Sisir Ranjan Palit	Release of pay packets for sponsored colleges and training colleges; Audit of colleges under the control of DPI	Ext 3156
P. A. To D. P. I.	Shri Sankar Kumar Mukherjee	To assist DPI in general matters and attending to Leave files of non-gazetted staff in the Directorate	

DIRECTORATE OF TECHNICAL EDUCATION

Director of Technical Education & Head SPFU - World Bank Project	Dr. Sajal Dasgupta	All matters pertaining to Higher Technical Education in the State.	2334-7077 2321-2608 (D) Ext. 3225 FAX 2334-7077
Joint Director of Techincal Education	Dr. A. Basu	Engineering & Technology Colleges, Establishment & Law matters, Inspections, etc.	2334-5817 (D) Ext. 3221
Officer- on-Special Duty	Shri P. K. Das	Government & Private Engineering Colleges, Inspections, etc.	Ext. 3209

Deputy Director of Technical Education	Shri P. Das	Govt. Engineering & Technological Colleges, Statistics, Data Processing through Computer, AICTE matters, Joint Entrance related matters, Publication, etc.	Ext. 3222
Assistant Director of Technical Education	Shri M. Deb	Private Management Institutions, different correspondences with Government and external agencies (except AICTE), Miscellaneous matters of DTE and Inspection.	Ext. 3214
Assistant Director of Technical Education	Mrs. Bidisha Mukherjee (Banerjee)	Private Engineering Colleges, Inspection, Law matters, Establishment of new Engg. Colleges	Ext. 3216
Assistant Director of Technical Education (Audit & Accounts)	Shri Ashutosh Bose	Budget Accounts and Financial Matters, Drawing & Disbursing Officer	Ext. 3219
Administrative Officer	Shri Sankar Kr. Mukherjee	Office Administration including attendance, leave, etc.	Ext. 3213
P.A. to D.T.E.	Shri Manas Kr. Sau	Miscellaneous works of D.T.E as and when arises.	Ext. 3213

WEST BENGAL DISTRICT GAZETTEERS

State Editor	Shri A. B. Chakraborty, IAS	Overall charge of the office	2334-5400
Deputy State Editor	Vacant		
Asstt. Editor	Amit Kumar Datta WBCS (Exe.)	D. D. O. and in-charge of Establishment	2334-7714
Research Officer (3 posts)	Dr. S. Lodh	Research Work	Ext. 3181
One post vacant	Shri D. G. Mukhopadhyay	Research Work	

WEST BENGAL STATE ARCHIVES

Director	Dr. Basudeb Chattopadhyay	Overall charge of the office	2241-3966 2281-0661
Deputy Director	Smt. Aradhana Ghosh	Establishment	2214-5600 2214-1339 Ext. 4022
Assistant Director	Shri Subodh Ch. Das	Historical Section	2214-5600 2214-1339 Ext. 4022
Assistant Director	Smt. S. Guha Thakurata	New functional building	2281-0661 Ext. 4022
Chief Archivist	Smt. Sumita Sil	Historical Section	2214-5600 2214-1339 Ext. 4022
Chief Archivist	Dr. Ananda Bhattacharjee	New Functional Building	2281-0661

2.4 UNIVERSITIES AND OTHER IMPORTANT ORGANISATIONS/INSTITUTIONS ATTACHED TO THE DEPTT. OF HIGHER EDUCATION

WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

Vice Chairman	Prof. Subimal Sen	Ph. 2466-0209 Fax : 2466-0209 / 2465-9566
Jt. Secretary	Dr. Jibendu Roy	Ph. 2466-1005 Fax : 2466-0209 / 2465-9566

VICE-CHANCELLORS OF THE UNIVERSITIES

Calcutta University	Prof. Ashish Kr. Banerjee.	Ph : 033-2241-3288 Fax : 033-2241-3288
Jadavpur University	Prof. Shyamal Kanti Sanyal	Ph : 033-2414-6000 (M) 9830538567 Fax : 033-2413-7121

Rabindra Bharati University	Prof. Bharti Mukherjee.	Ph : 2556-8019 2239-1328 Fax : 2556-8079
Burdwan University	Prof. Amit Kumar Mallik	Ph : 95342-2532900 Fax : 95342-2530452
Kalyani University	Prof. Arabinda Kr. Das	Ph : (033) 2582-8690/8220 (M) 9433028690 Fax : (033) 2582-8282
Vidyasagar University	Prof. Swapan Kr. Pramanik	Ph : 953222-275329 Fax : 953222-264338
North Bengal University	Prof. Pijush Kanti Saha	Ph : 95353-2699255 (M) 9434715401 Fax : 95353-2699001
West Bengal University of Animal & Fishery Sciences	Prof. C. S. Chakrabarti	Ph : (033) 2556-3450 Fax : 033-2557-1986
Bidhan Chandra Krishi Viswavidyalaya	Prof. D. K. Bagchi	Ph : 2587-9772,953473-222666 Fax : 03473-222275
Uttar Banga Krishi Viswavidyalaya	Dr. Mrinal Mazumder	Ph. : 03582-270249/270141 Fax : 03582-270249/270726
West Bengal University of Health Sciences	Prof. S. Majumder	Ph : 033-2321-5388 Fax : 2321-5389
Visva Bharati (Central) University	Prof. Rajat Kanta Roy	Ph : 953463-252451 Fax : 953463-252672
Bengal Engineering and Science University	Dr. Nikhil Ranjan Banerjee	Ph : 2668-2674 /4561-64 (M) 9433055558 Fax : 2668-2916
Netaji Subhas Open University	Prof. Surabhi Banerjee	Ph : 033-2283-5156/ 2287-2666 Fax : 2283-5082
The W. B. National University of Judicial Sciences	Prof. B. S. Chimni	Ph: 2335-0534/7379 Fax : 033-2335-7422
Ramkrishna Mission Vivekananda Education And Research Institute (RKMVERI) (Deemed Univeristy Under UGC Act)	Swami Atmapriyananda	Mobile : 9830216636 Telefax : 033-2654-9999
The West Bengal University of Technology	Prof. A. R. Thakur	Ph : 033-2321-7578 (M) 9831179909 Fax : 23217578

DIRECTORS OF ACADEMIC BODIES / INSTITUTES / WINGS

Director, Netaji Institute for Asian Studies	Dr. Suranjan Das	Ph : 2247-3145
Director, State Archives	Dr. Basudeb Chattopadhyay	Ph : 2241-3966
Institute of English	Prof. D. Chatterjee	Ph : 2466-3039
Secretary, Paschim Banga Hindi Academy	Dr.Alakananda Bhattacharya	Ph : 2219-1277
Director, Regional Centre of Indira Gandhi National Open University (IGNOU)	Dr. Sujit Kr. Ghosh	Ph.& Fax : 2334 9850/7576
Director & Regional Officer, Eastern Region, AICTE	Dr. Surjit Angra	Ph : 2335-7459 Fax : 2335-9546

CHAIRMAN / CHIEF EXECUTIVE OFFICER / SECRETARY OF BOARDS / COMMISION

West Bengal College Service Commission, Chairman	Dr. Himanshu Sekhar Ghosh	Ph & Fax : 2241-4679
Board of Joint Entrance Examination, Chairman	Dr. Nikhil Ranjan Banerjee	Ph : 2668 4890 Fax : 9133-2668-4676
West Bengal State Book Board, Chief Executive Officer	Prof. R. Bhattacharyya	Ph : 2236-7854

UNIVERSITIES AND ORGANISATIONS

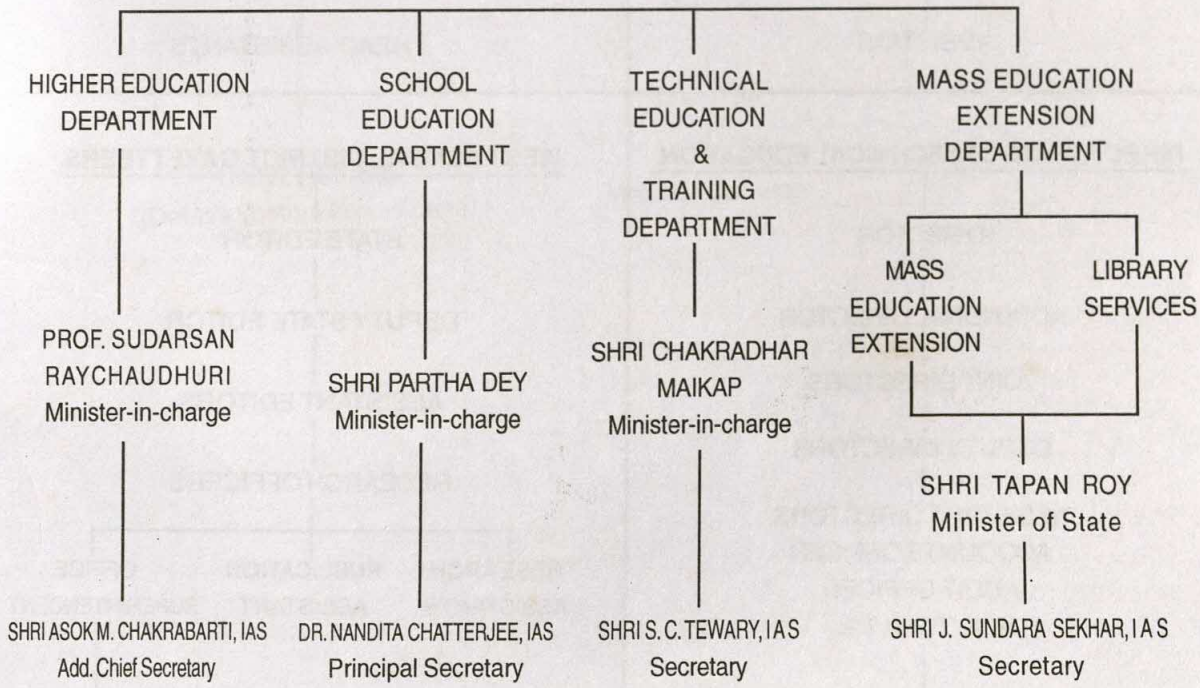
Calcutta University	: PABX-033-2241-0071/4984
Vice-Chancellor	: 033-2241-3288 R-033-2574-7474 Fax : 033-2241-3288
Pro. Vice-Chancellor (Academic)	: 033-2219-3763 R-033-2359-1616
Pro. Vice-Chancellor (Finance)	: 033-2241-4984
Registrar	: 033- 2219-3761, Fax : 2241-8788, R-033-2403-1919
Jadavpur University (Main Campus)	: 033-2214-6666, 6194-6643
Vice-Chancellor	: 033-2414-6000 Fax : 2413-7121, R-2476-8343
Pro. Vice-Chancellor	: 033-2414-6001 R- 2476-8343
Registrar	: 033-2414-6414 R-2418-4903
Rabindra Bharati University (B. T. ROAD CAMPUS)	: PBX-(033) 2556-8019/2543 Fax : 2556-8079
Jorasanko Campus	: 2269-6601/5241/6610/5242
Vice-Chancellor	: 2556-8019/2239-1328 Fax : 2556-8079 R-2455-1210 Qtrs. : 2557-1028
Registrar	: 033-2239-5241/42, 2239-6601, 2239-6610
Burdwan University	: EPABX(0342)-2533-913/914, 2533-917 Fax (0342) –2530-452 TelCode **Burdsity**
Golap Bag	: EPABX(0342)-556-549, 556-566, 558-554
Vice-Chancellor	: (95342) 2634-900 Fax ((95342) - 2530452 R-(95342) 2634444 / 2557715 (Krishnapur)
Registrar	: (0342) 2530300 /Extn. 211/ R-2530526 Extn : 212 M : 9434238440
Kalyani University	: (033) 2582-8750
Vice-Chancellor	: (033) 2582-8690/8220 Fax : 2582-8282 Qtr : 2582 8340 [Burdwan R : 24318700/2273]
Registrar	: (033) 2582-2505, Fax : 2582-2505, 2582-8750
North Bengal University	: (0353) 258-1255/2099, Fax : (0353) 258-1212
Vice-Chancellor	: (95353) 2699255 Fax : (95353) 2699001 Qtr : 2699324 [Kol R-2431-8700/2273]
Registrar	: (0353) 2582-099 Fax : 0353-2699-099

ADMINISTRATIVE SET UP

Vidyasagar University	: PBX: 953222 60554
Vice-Chancellor	: (953222) 275329 Fax : (953222) 275329 (Kol R : 25771361)
Registrar	: (953222) 275-329 R – 03222-275297
Bidhan Chandra Krishi Viswavidyalay (Mohanpur, Nadia)	: Ph. 033-2587-9772/8163, Fax : 033-2587-8163
Vice-Chancellor	: 2587-9772 Fax : 03473-222275 R – 25920088
Registrar	: 2585-8163
University of Animal and Fishery Sciences	: (033)-2556-3450/3396
Vice-Chancellor	: 033-2556-3450 Fax : 2557-1986 R.-2583-7098
West Bengal University of Health Sciences	: (033)-2321-5388/5389 Fax : (033) 2358-0100
Vice-Chancellor	Ph. : 2321-5388 Fax : 2321-5389
The W. B. National University of Judicial Sciences	: (033) 2335-0534/0765 Fax : (033) 2335-0765
Vice-Chancellor	Ph. : 2335-0534/7379 Fax : 033-2335-7422
Bengal Engineering and Science University	: (033) 2668-2674/1503 Fax : (033) 2668-4564
Vice-Chancellor	: 2668-2674/4561-64 Fax : 2668-2916 R : 24751735
Registrar	: 2668-1503
Netaji Subhas Open University	: 033-2287-1056/2666
Vice-Chancellor	: 2283-5156 / 2287-2666 Fax : 2283-5082 R- 2464-2047
Registrar	: 287-0159
West Bengal University of Technology	: 2281-1907/1908
Vice-Chancellor	Tel & Fax : 23217578 (O), R-23596287
Registrar	: 2321-1327
Uttar Banga Krishi Viswa Vidyalaya.	: 03582-270-143/157 Fax : 03582-270-249
Vice-Chancellor	: 03582-270249
Ramkrishna Mission Vivekananda Education And Research Institute (RKMVERI) (Deemed Univeristy Under UGC Act)	Telefax : 033-2654-9999
Vice-Chancellor	Mobile : 98302-16636, E-mail : rkmveri@gmail.com, atmapriyananda@gmail.com,
Visva Bharati	: (953463) 52-751, 52756
Vice-Chancellor	: (953463) 252451/52481 Fax : (953463) 252672

Public Service Commission	
Chairman	: 2466 0546/1540
Secretary	: 2466-2895
State Minority Commission	
Chairman	: 2439 8877/ Res. 2284 5437
Indira Gandhi National Open University (Regional Office) Bikash Bhaban, Salt Lake	: 2334-7576 Fax : 2334 9850
Director	: 2334-9850/7576
University Grants Commission	: 2335- 4767/335- 47688-0586/4767
Eastern Regional Office	Website : www.ugc.sc.in
Urdu Academy	: 2244-8450

EDUCATION IN GOVERNMENT OF WEST BENGAL



ADMINISTRATIVE MANAGEMENT

DEPARTMENT OF HIGHER EDUCATION

PRINCIPAL SECRETARY
↓
SPECIAL SECRETARY
↓
JOINT SECRETARIES
↓
DEPUTY SECRETARIES
↓
ASSISTANT SECRETARIES
↓
OFFICER ON SPECIAL DUTY
↓
SECTION OFFICER/HEAD ASSTT.
↓
ASSISTANT

EDUCATION DIRECTORATE

DIRECTOR OF PUBLIC INSTRUCTION (DPI) & EX-OFFICIO SECRETARY
↓
ADDITIONAL DIRECTORS
↓
JOINT DIRECTORS
↓
DEPUTY DIRECTORS
↓
DEPUTY REGIONAL EDUCATION OFFICERS
↓
ADMINISTRATIVE OFFICER | ACCOUNTS OFFICERS | P.A. TO DPI
↓
HEAD ASSISTANTS

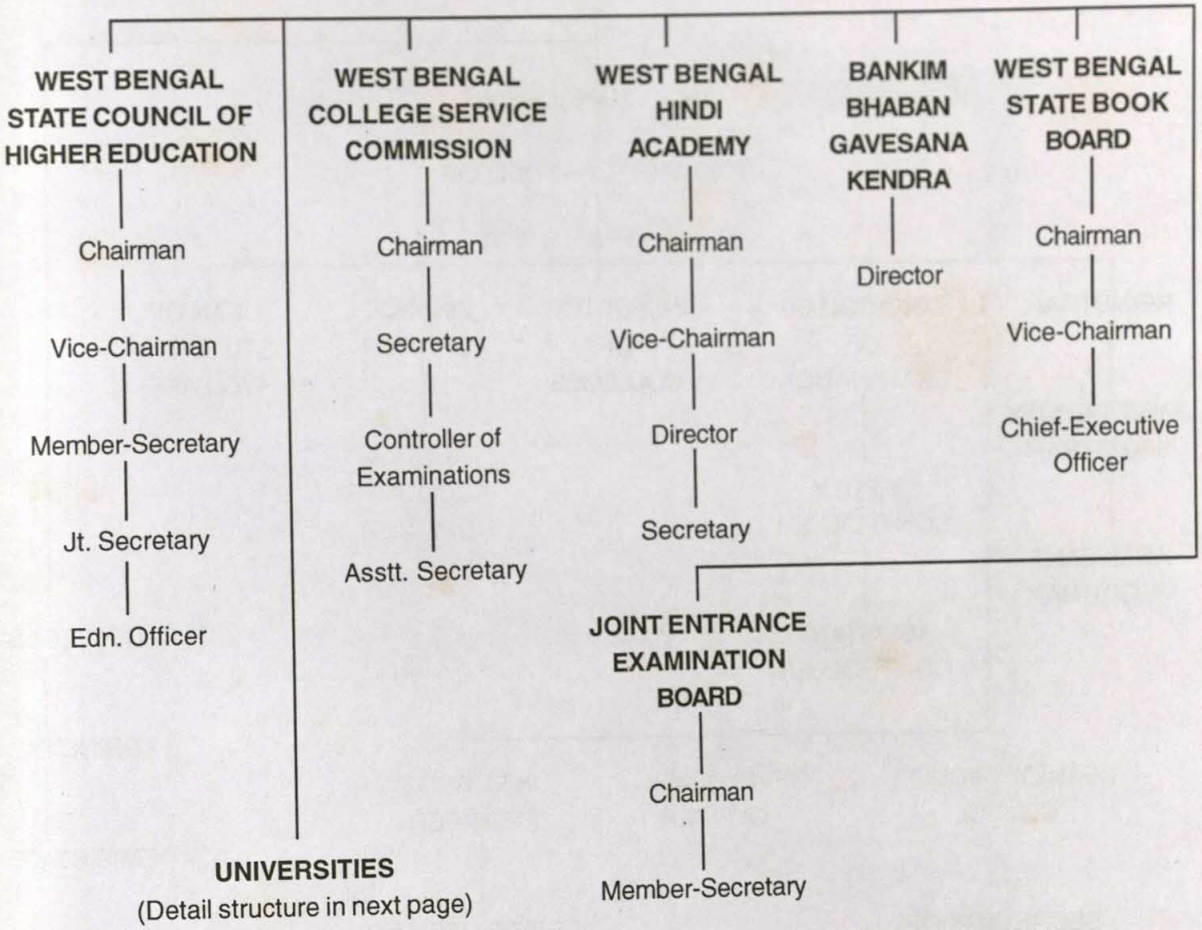
DIRECTORATE OF TECHNICAL EDUCATION

DIRECTOR
↓
ADDITIONAL DIRECTOR
↓
JOINT DIRECTORS
↓
DEPUTY DIRECTORS
↓
ASSISTANT DIRECTORS
ACCOUNTS OFFICER
AUDIT OFFICER
P.A. TO D.T.E.
↓
HEAD ASSISTANTS AND SECTION-IN-CHARGE

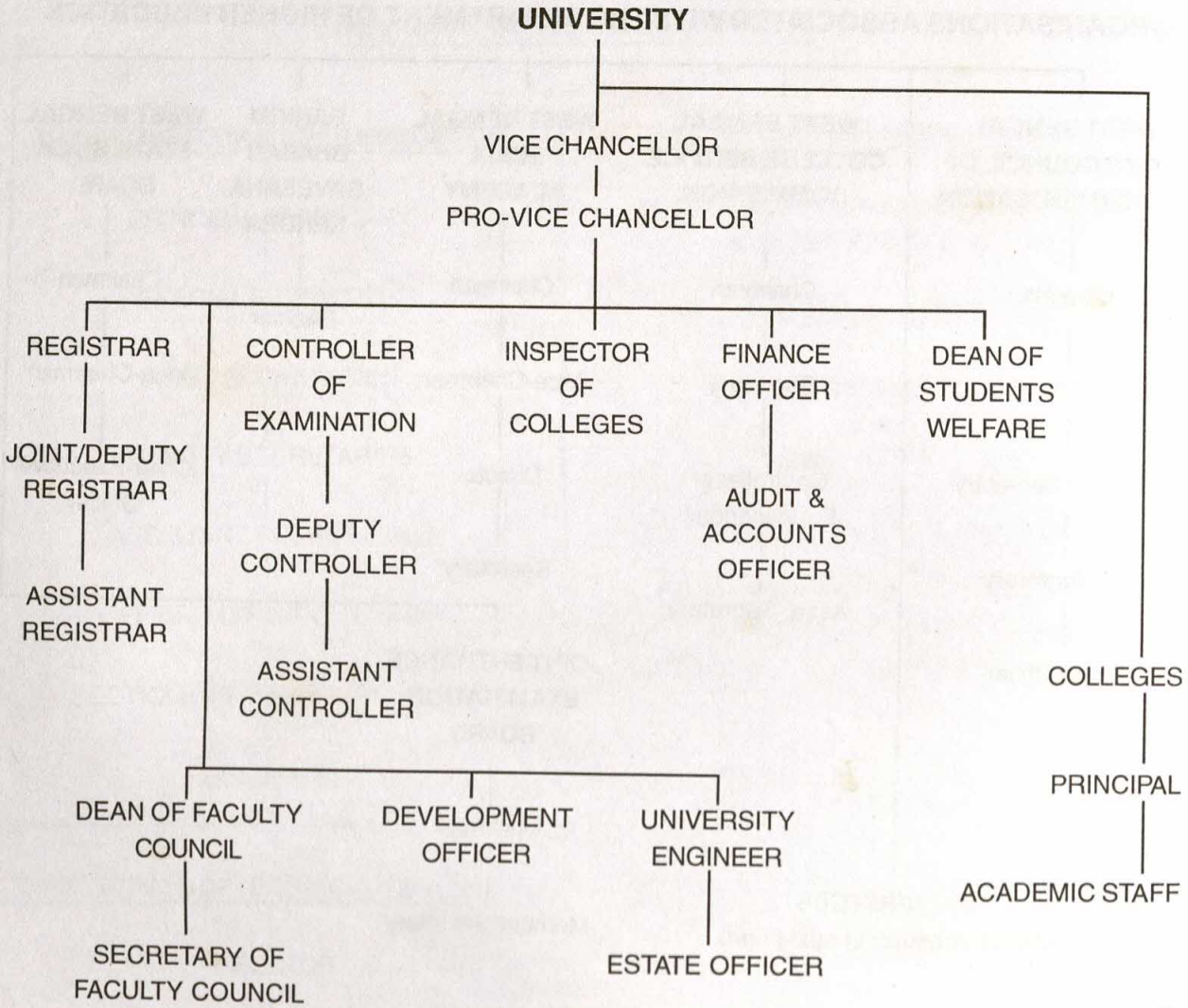
WEST BENGAL DISTRICT GAZETTEERS

STATE EDITOR
↓
DEPUTY STATE EDITOR
↓
ASSISTANT EDITORS
↓
RESEARCH OFFICERS
↓
RESEARCH ASSISTANTS | PUBLICATION ASSISTANT | OFFICE SUPERINTENDENT
↓
HEAD CLERK

ORGANISATIONS ASSOCIATED WITH THE DEPARTMENT OF HIGHER EDUCATION



ADMINISTRATIVE SET UP



CHAPTER – 3

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

3.1 Introduction

3.2 Policies

3.3 Budget of the Higher Education Department

3.4 Proposal for extension of affiliation to new subjects in Non-Govt. General Degree Colleges

3.5 Post Graduate courses in General Degree Colleges

3.6 Technical Education

3.7 University Education

3.8 Non-Government Colleges

3.9 Government Colleges

3.10 Measures for quality improvement of Higher Education

3.11 Scholarship and Stipend

3.12 Full and Half Free Studentship for the Engineering & Technology Students

3.13 Physical Education

CHAPTER – 3

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

3.1 INTRODUCTION

JU and BESU have been conferred the status of "Institutions of National Importance by UGC. Both the universities have been sanctioned special UGC grant. St. Xaviers College, Kolkata has been declared by NAAC to be the first autonomous college in West Bengal. Ramkrishna Mission Vivekananda Educational and Research Institute(RKMVERI) has been established as the 1st self financing (DU). Calcutta Madrasah celebrating its 225 years of establishment has been given the status of an autonomous college by the State Govt. Presidency, Scottish Church and Loreto College have earned the distinction to be the "Colleges with Potential for Excellence" by the UGC. Accreditation status of the colleges (by NAAC) has been improved substantially. Scope for Post Graduate education has been expanded in General Degree Colleges. The State Govt. has provided fund for the construction, repair and renovation of buildings, setting up of laboratories and new class rooms in the universities and colleges. The Government, as in previous years, approved the setting up of self financing colleges including non-government colleges under pay packet scheme and sanctioned the creation of teaching and non-teaching posts for these colleges. Govt. also created 1000 teaching posts in non-government colleges and provided funds for development of infrastructure.The West Bengal State Council of Higher Education took an active role in coordinating activities of the state universities and advised them on various issues relating to improvement in the quality of Higher Education in the State. For Qualitative improvement of technical education, State Govt. has sanctioned Rs.65 crore under World Bank Programme.

3.2 POLICIES

The following principles have guided the formulation and implementation of different programmes for higher education.

(i) Expansion of access to higher education and decentralisation of power-base.

(ii) Equity in educational opportunity and social justice.

(iii) Consolidation and qualitative improvement of colleges and expanding the base of social relevance of higher education.

(iv) Linkage of education to employment through vocationalization.

(v) Emphasis on engineering and technological education with special reference to Information Technology and Bio-Technology.

(vi) Diversification of subject compositions.

(vii) Emphasis on Basic Science courses and scientific research.

(viii) Emphasis at the same time on arts, culture, languages, physical education and humanistic values.

(ix) Mobilisation of internal resources.

(x) Accountability at all levels.

3.3 BUDGET OF THE HIGHER EDUCATION DEPARTMENT

The total budgetary provision excluding the provision under Central Scheme for the year 2006-2007 and 2007-2008 has been Rs. 8,05,54,31,000 and **8,36,38,89,000** out of which the amount provided in the Plan Budget was Rs. 35,00,00,000 and **40,00,00,000** respectively.

TABLE 1 : BUDGET ESTIMATE (2006-2007) AND (2007-2008) OF THE DEPARTMENT OF HIGHER EDUCATION AT A GLANCE

Amount in Rupees

Budget Heads	Budget Estimate 2006-2007		Budget Estimate 2007-2008	
	Non-Plan	State-Plan	Non-Plan	State-Plan
Assistance to Universities	2,73,51,88,000	5,16,80,000	2,98,13,65,000	10,65,00,000
Government Colleges and Institutes	61,62,63,000	6,57,50,000	56,12,11,000	6,65,00,000
Assistance to Non-Government Colleges	3,80,49,75,000	4,03,00,000	4,00,71,79,000	4,80,00,000
Institutes of Higher Learning and Other Expenditure	3,38,20,000	4,56,10,000	3,52,29,000	6,49,20,000
Promotion of Modern Indian Languages	47,13,000	57,45,000	26,79,000	70,20,000
Research, Scholarship, etc	15,04,94,000	1,01,20,000	16,64,57,000	50,60,000
Technical Education	29,51,40,000	10,38,20,000	15,22,73,000	6,70,00,000
Physical Education, & Youth Welfare (excluding N.C.C)	1,52,49,000	64,00,000	1,54,87,000	1,00,00,000
Promotion of Art & Culture	4,40,12,000	2,05,75,000	3,66,92,000	2,50,00,000
Surveys & Statistics-Gazetteer & Statistical Memories-3454-02-110-NP-002	55,77,000	–	53,17,000	–
TOTAL	**7,70,54,31,000**	**35,00,00,000**	**7,96,38,89,000**	**40,00,00,000**
GRAND TOTAL (Non-Plan + Plan)	**8,05,54,31,000**		**8,36,38,89,000**	

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

TABLE 1(A) : STATEMENT OF ANNUAL PLAN ALLOCATION FOR 2005-2006 AND EXPENDITURE INCURRED DURING 2005-2006

Rs. in lakhs

Head of Development	Outlay for **2005-2006**	Revised Outlay for **2005-2006**	Actual expenditure during **2005-2006** (Departmental)
1. Higher Education Department	-	-	-
2. Social Services Education, Sports and Youth Services, Arts & Culture			
i) General Education	743.00	1501.65	1418.52
ii) Sports & Youth Services	26.10	35.60	59.03
iii) Arts & Culture	93.20	248.03	143.69
iv) Technical Education	5017.70	6153.30	6162.89
Total Higher Education :	**5880.00**	**7938.58**	**7784.13**

TABLE 2 : TOTAL BUDGET ESTIMATE OF THE DEPARTMENT OF HIGHER EDUCATION THROUGH THE YEARS

YEAR	AMOUNT IN RUPEES	AMOUNT IN RUPEES
	NON-PLAN	**STATE PLAN**
1995-96	2,93,28,21,000	23,00,00,000
1996-97	3,25,56,64,000	26,05,00,000
1997-98	3,63,71,16,000	35,00,00,000
1998-99	3,77,69,68,000	33,50,00,000 + 5,00,00,000 (loan)
1999-2000	4,57,79,78,000	33,00,00,000 + 10,00,00,000 (Loan from I.D.F.C.)
2000-2001	5,02,81,77,000	23,45,50,000 plus 21 crores by way of grant to local bodies Zilla Parishad for higher education
2001-2002	5,79,07,45,000	25,80,00,000 + 23.10 crores by way of grant to local bodies/Zilla Parishad for higher education
2002-2003	6,51,39,60,000	25,86,32,000
2003-2004	6,58,83,93,000	6,31,12,000
2004-2005	6,57,40,53,000	6,32,00,000
2005-2006	7,11,62,92,000	10,32,00,000
2006-2007	7,66,63,90,000	35,00,00,000

TABLE 3 : BUDGETARY POSITION OF HIGHER EDUCATION DEPARTMENT WITH REFERENCE TO THE TOTAL STATE BUDGET AND THE BUDGET FOR EDUCATION SINCE 1995-1996

(Rupees in crores)

YEAR	TOTAL STATE BUDGET	TOTAL B. E. ON EDUCATION	% OF B. E. ON EDUCATION WITH RESPECT TO STATE BUDGET	TOTAL B. E. FOR HIGHER EDUCATION	%OF B. E. OF HIGHER EDUCATION WITH REFERENCE TO B.E. ON EDUCATION	REMARKS
1995-96	11000.92	2293.24	20.84%	316.28	13.80%	
1996-97	12814.80	2373.45	18.52%	351.62	14.81%	
1997-98	14916.03	2647.65	17.75%	398.74	15%	
1998-99	16560.44	2926.56	17.67%	416.20	14.22%	
1999-2000	25034.42	5003.64	19.99%	500.80	10.01%	
2000-2001	24481.95	3704.58	15.13%	526.27	14.21%	
2001-2002	29238.96	4339.28	14.84%	604.87	13.94%	
2002-2003	30928.75	4770.31	15.42%	677.26	14.20%	
2003-2004	35344.62	4791.33	13.56%	665.15	13.88%	
2004-2005	38517.56	4941.24	12.83%	663.73	13.43%	
2005-2006	37770.10	5594.51	14.81%	721.95	12.90%	
2006-2007	42175.53	6716.30	15.92%	801.64	11.94%	

PATTERN OF TOTAL BUDGET ESTIMATE FOR EDUCATION AND TOTAL BUDGET ESTIMATE FOR HIGHER EDUCATION

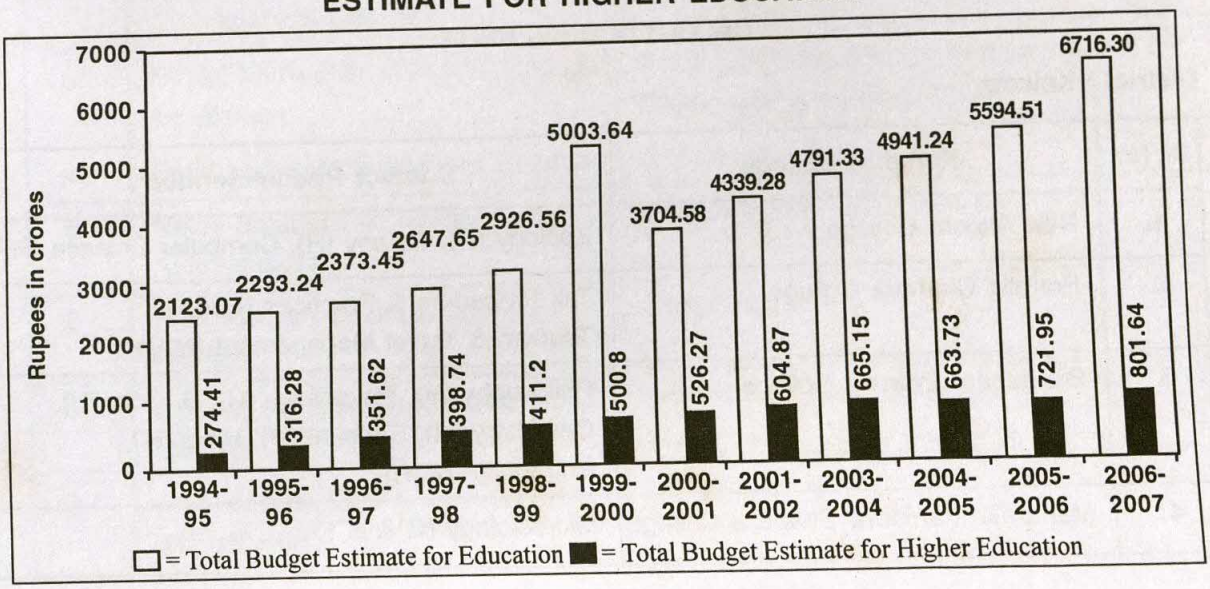


TABLE 4 : BUDGETARY ALLOCATION FOR EDUCATION WITH REFERENCE TO THE STATE BUDGET AND THE BUDGET FOR HIGHER EDUCATION WITH REFERENCE TO EDUCATION 2005-2006

(Rs in crores)

Items	Total State Budget for West Bengal	Total Budget for Education	% of Budget Provision on Education with reference to State Budget	Total Budget for Higher Education	% of Budget Provision of Higher Education Department with reference to Budget on Education	Remarks
1	2	3	4	5	6	7
Plan Schemes	8781.68	1029.31	11.72%	35.00	3.40%	
Non Plan Scheme	33393.85	5686.99	17.03%	766.64	13.48%	
Grand Total	42175.53	6716.30	15.92%	801.64	11.94%	

3.4 PROPOSAL FOR EXTENSION OF AFFILIATION OF NEW SUBJECTS IN NON-GOVT. GENERAL DEGREE COLLEGES FROM THE ACADEMIC YEAR 2006-2007.

CALCUTTA UNIVERSITY

District : Kolkata

Sl. No.	Name of College	Subject Recommended
1.	New Alipore College	Zoology (H), Botany (H), Computer Science (H)
2.	Prafulla Chandra College	Tax Procedure & Practices (Major) Tourism & Travel Management (Major)
3.	Bangabasi Evening College	Philosophy (H), Physiology (H), B. Com (H), Chemistry (H), Sanskrit (H), Hindi (H), Anthropology (H),
4.	Maharaja Manindra Chandra College	Microbiology (G & H)

5.	Bangabasi Morning College	Botany (H)
6.	Charuchandra College	Computer Sc. (G & H), Geography (G)
7.	Women's College	Geography (H), Hindi (H), Nutrition (G), Journalism (G), Mass Comm (G), Sociology (G), Psychology (G)
8.	Victoria Institution (College)	Accountancy (H), Psychology (H)
9.	Shri Shikshayatan College	Journalism & Mass Communication (H), Computer Application (H)
10.	Rani Birla Girls' College	Journalism & Mass Communication (H), Communicative English
11.	Ananda Mohan College	Geography (G), Computer Sc. (G)
12.	Jogomaya Devi College	Accounting & Finance (H)
13.	Bangabasi College	Sociology (G), Psychology (G)
14.	Khudiram Bose Central College	Geography (G), Journalism (G)

District : North 24 Parganas

Sl. No.	Name of College	Subject Recommended
1.	Panihati Mahavidyalaya	Zoology (H), Geography (H)
2.	Barrackpore Rashtraguru Surendranath College	Food & Nutrition (H),
3.	Hiralal Mazumdar Memorial College for Women	Food & Nutrition (H), Journalism (H), Botany (H), Psychology (G&H)
4.	Dinabandhu Mahavidyalaya, Bongaon	Geography (H)
5.	Netaji Satabarshiki Mahavidyalaya, Ashokenagar	Geography (H), Education (G)
6.	Rishi Bankim Chandra College, Naihati	Commerce (H)
7.	Saheed Nurul Islam Mahavidyalaya, Tentulia	English (H), Geography (G)
8.	R. K. Sarada Mission Vivekananda Vidyabhaban	Human Rights (G)

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

District : South 24 Parganas

Sl. No.	Name of College	Subject Recommended
1.	Vivekananda College, Thakurpukur	Journalism & Mass Communication (H)
2.	Kultali Dr. B.R. Ambedkar College	Mathematics (G), Botany (G), Zoology (G), Chemistry (G), Physics (G), Philosophy (G & H), Geography (G & H)
3.	Vivekananda College for Women, Barisha	Physics (G)
4.	Kishore Bharati Bhagini Nivedita College	Microbiology (G & H), Education (H)
5.	Sonarpur Mahavidyalaya	Comp. Sc. (H)
6.	Sushil Kar College	Education (G), Geography (G)
7.	R.K. Mission Residential College, Narendrapur	Electronics (G)

District : Howrah

Sl. No.	Name of College	Subject Recommended
1.	Sree Agrasain College	Education (G&H), Hindi (G&H), History (G), Philosophy (G), B. Com (G), Accountancy (H), Electronics (G & H), Computer Sc. (G)
2.	Bijoy Krishna Girls' College	Hindi (G), Music (G), Statistics (G)
3.	Shibpur Dinobandhu Institution (College)	Sanskrit (H), Statistics (G), Botany (H)

District : Hooghly

Sl. No.	Name of College	Subject Recommended
1.	Vidyasagar Mahavidyalay, Masat	Philosophy (G)
2.	Bidhan Chandra College, Rishra	Geography (H), Education (H) Day Dept.

Calcutta University

Sl. No.	Name of College	Subject Recommended
1.	Surendranath College, Kolkata	Sociology (H), Journalism & Mass Communications (H)
2.	Rammohan College	Communicative English
3.	Vidyasagar College for Women	Hindi (H), Physiology (H)
4.	Rishi Bankim Chandra College for Women	Zoology (H), Botany (H)
5.	Narasinha Dutt College	Computer Sc. (H), Education (H), Electronics (H)
6.	Jogomaya Devi College	B. Com (H)
7.	Harimohan Ghose College	Geography (G)
8.	Sir Gurudas Mahavidyalaya	Tax Proc & Practices (Major), Computer Applications (Major)
9.	Shyampur Siddheswari Mahavidyalaya	Geography (G), Physiology (G)
10.	Behala College, Parnasree	Philosophy (H), Journ & Mass Comm (H)
11.	Gour Mohan Sachin Mondal Mahavidyalaya	Physics (H), Chemistry (H), Mathematics (H), Comp. Sc. (G), Zoology (G), Botany (G), Economics (G)
12.	Saheed Nurul Islam Mahavidyalaya, Tentulia	Political Science (H)
13.	Derozio Memorial College	Education (H), Commerce (H), Anthropology (G)
14.	Magrahat College	Geography (H), Education (H)
15.	South Calcutta Girls' College	Zoology (H)
16.	Vidyanagar College	English (H), Education (G)
17.	Seth Anandaram Jaipuria College	Psychology (G & H), Statistics (G & H), Journalism (H), Food & Nutrition (H), Comp. Sc. (H), Geography (G & H)

18.	Kalinagar Mahavidyalaya	History (H)
19.	Muralidhar Girls' College	Alt. English (G)
20.	Dinabandhu Mahavidyalaya	Education (H), Geography (H)
21.	Maharani Kasiswari College	Computer Sc. (H)
22.	Asutosh College	Electronics (H)
23.	Panihati Mahavidyalaya	Geography (H), Zoology (H)
24.	Naba Barrackpore Prafulla Chandra Mahavidyalaya	History (G), Political Sc. (G), Education (G)

Additional list

Kshudiram Bose Central College - Geography (G) & Journalism (G)
Bangabasi Evening College - Accountancy (H)
Mahadevananda Mahavidyalaya - Economics (H)
New Alipore College - Computer Sc. (H)

3.5 POST-GRADUATE COURSES IN GENERAL DEGREE COLLEGES

Sl. No.	Name of Colleges with Affiliating University	Subject Introduced at Post-Graduate Level
Calcutta University		
1.	Presidency College, Calcutta	Physics, Chemistry, Geology, Zoology, Physiology, Botany, Geography, Applied Economics, Hindi, Environmental System Management, Molecular Biology & Genetics, English
2.	Bethune College	Botany, Zoology
3.	Maulana Azad College	Zoology
4.	Lady Brabourne College	Geography, Microbiology, Mathematics

5.	Barasat Govt. College	Botany
6.	Goenka College of Comm. and Business Adm.	Commerce
7.	Bidhannagar College	Zoology, Microbiology
8.	Taki Govt. College	Bengali
9.	Sanskrit College	Sanskrit
10.	Asutosh College, Kolkata	Environmental Science
11.	Dinabandhu Andrews College	Zoology
12.	A.P.C. College, New Barrackpore	Microbiology, Electronics
13.	Rastraguru Surendranath College, Barrackpore	Microbiology, Computer Sciences
14.	St. Xaviers College	Computer Science
15.	Scottish Church College	Zoology
16.	Bongaon Dinabandhu Mahavidyalaya	Bengali
17.	R. K. M. Residential College, Narendrapur	Chemistry, Physics
18.	Vidyasagar College	Zoology
19.	Bijoygarh Jyotish Roy College	Micro Biology
20.	Belur Ram Krishna Mission	Mathematics, Sanskrit
21.	Fakir Chand College, Diamond Harbour	Education
22.	David Hare Training College	M.Ed., M. Phil (with Netaji Open University)
23.	Post Graduate Training College for Physical Education, Banipur	Physical Education (M.P.Ed)
24.	Institute of Education for Women, Hastings House, Alipore	M.Ed.
25.	State Institute of Physical Education for Women, Hastings House, Alipore	M.P.Ed.
26.	Govt. College of Art and Craft	Visual Arts (MVA)

Burdwan University		
27.	Hooghly Mohsin College, Hooghly	Political Science, Physiology, Commerce, English
28.	Chandernagar College, Hooghly	Geography, Bengali
29.	Bankura Christian College	English, Bengali
30.	Durgapur Govt. College	Geology
31.	B. B. College, Asansol	Physics
32.	J. K.College, Purulia	Mathematics
33.	Burdwan Raj College	Bengali
34.	Burdwan Vivekananda College	Chemistry
35.	Burdwan M.U.C. College	English
Kalyani University		
36.	Krishnagar Govt. College	Philosophy & Geography
37.	Krishnanath College, Berhampore, Murshidabad	Sericulture, Physiology, Sanskrit
38.	Kanchrapara College, Kanchrapara, 24-Parganas(N)	Hindi
North Bengal University		
39.	A.B.N. Seal College	Bengali, Sanskrit, Zoology
40.	Darjeeling Govt. College, Darjeeling	Zoology, Botany, Nepali, English
41.	Malda College	English & History
42.	Balurghat College	Bengali & Commerce
43.	Raiganj College	Bengali
44.	Ananda Chandra College	Bengali

Vidyasagar University		
45.	Jhargram Raj College	Chemistry, Zoology
46.	Raja N. L. Khan Women's College	Zoology
47.	Midnapore College	Physics, Chemistry
48.	Khragpur College	Bengali
49.	Rabindra Satabarshiki Mahavidyalaya	Sanskrit
50.	Prabhat Kumar College	Physics
51.	Tamralipta Mahavidyalaya	Bengali
52.	Panskura Banamali College	Computer Science

***30 - PG Courses.**

3.6 TECHNICAL EDUCATION

6 new Engineering & Technological Colleges have been set up on self-financing basis in the academic session 2006-2007. Three Engineering and the other three for Pharmaceutical Technology. Total number of Engineering & Technological institutes (including University Engineering departments) in the State is at present 62 with an approved intake of 15854.

10 courses in six Govt. Engineering & Technological Colleges and 18 courses in six Non-Govt. Engineering & Technological Colleges have been accredited by the National Board of Accreditation, New Delhi.

Under Technical Education Quality Improvement Programme (TEQIP). Rs. 65 crore has been released during the year. Lifetime allocation under the Project, as approved by GOI is Rs. 154.80 crore to be utilized over a period of 4 years ending in 2008.

Degree Course in Electrical Engineering has been introduced in Kalyani Govt. Engineering College. A post graduate course in Leather Technology (M.Tech.) has been introduced in Govt. College of Engg. & Leather Technology. A financial grant of Rs. 84 lakh has been sanctioned during the year for development of PG Laboratory and also to undertake essential electrification work in this connection.

A project for construction of a new college building at Govt. College of Engineering & Textile Technology, Berhampore has been sanctioned at an estimated cost Rs. 3 crore out of this amount Rs. 20 lakh has already been released.

3.7 UNIVERSITY EDUCATION

The State Government has sanctioned a total sum of Rs. 3,86,43,000 Lakh in the Annual Plan to State-aided Universities viz. Calcutta, Jadavpur, Kalyani, Burdwan, North Bengal, Rabindra Bharati, Vidyasagar during the financial year 2006-2007. Out of this amount, a sum of Rs. 3,01,43,000 Lakh is meant for construction / development of 7 (Seven) State-aided universities and Rs. 85,00.000 Lakh for purchase of books & journals in respect of 7 (Seven) State aided Universities. A sum of Rs 54,00,000 Lakh has also been sanctioned and released to Netaji Subhas Open University towards maintenance grants. For Bengal Engineering & Science University the State Govt. has sanctioned Rs.2,10,00,000 Lakh during 2006-2007 for construction / development of Bengal Engineering & Science University.

STATEMENT OF ACTUAL EXPENDITURE IN THE UNIVERSITIES (ANNUAL PLAN SCHEMES) DURING 2006-2007

(Rs. In lakh)

University	Year	Construction	Books and Journals	Total
Calcutta	2006-2007	74.22	30.00	104.22
Jadavpur	2006-2007	39.85	30.00	69.85
Kalyani	2006-2007	88.09	4.00	92.09
Burdwan	2006-2007	33.47	15.00	48.47
North Bengal	2006-2007	65.80	–	65.80
Rabindra Bharati	2006-2007	–	–	–
Vidyasagar	2006-2007	–	6.00	6.00
Total	**2006-2007**	**301.43**	**85.00**	**386.43**

3.8 NON-GOVERNMENT COLLEGES

Non-Govt. Colleges Expenditure during the 2006-07 under the plan heads under SCP & TASP

Sl. No.	Head of A/c	Provision	Expenditure	Savings	Remarks
1.	SCP 2202-03-789-Special Component Plan for SC-SP (AP and 10th Plan)-002-Dev. of Library and reading room facilities (EH)-31-02	Rs.20,00,000/-	Rs.20,00,000/-	NIL	
2.	SCP 2202-03-789-Special Component Plan for SC-SP (AP and 10th Plan)-003-Hostels for girl students (EH)	Rs.25,00,000/-	Rs.25,00,000/-	NIL	
3.	SCP 2202-03-789-Special Component Plan for SC-SP (AP and 10th Plan)-004-Dev. of Colleges for Women (EH)	Rs.20,00,000/-	Rs.20,00,000/-	NIL	
4.	TASP 2202-03-796-Tribal areas Sub-Plan –004-Dev. of Non-Govt. Colleges (EH)-31-02	Rs.15,00,000/-	Rs.15,00,000/-	NIL	
		Rs.80,00,000/-	**Rs.80,00,000/-**		

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

Non-Govt. Colleges Expenditure during the 2006-07 under the plan heads under SCP & TASP

Sl. No.	Head of A/c	Provision	Expenditure	Savings	Remarks
1.	2202-03-104-SP- (AP and 10th Plan)-001-Development of Library and Reading room facilities (EH)-31-02	Rs.23,00,000/-	Rs. 22,59,021/-	Rs. 40,979/-	SCP & TASP-80.00 lakh Plan-354.73 lakh Total release - **Rs.434.73 lakh**
2.	2202-03-104-SP (AP and 10th Plan)-002-Development of Non-Govt. Colleges (EH)-31-02	Rs.2,00,00,000/- + Rs.3,00,00,000/- Total : Rs.5.00 crore	Rs.1,98,10,559/- + Rs. 38,82,043/- Rs.2,36,92,602/-	Rs. 1,89,441/- + Rs.2,61,17,957/- Rs.2,63,07,398/-	
3.	2202-03-104-SP (AP and 10th Plan)-003-Hostels for girl students (EH)-31-02	Rs.50,00,000/-	Rs.31,01,355/-	Rs.18,98,645/-	
4.	2202-03-104-SP(AP & 10th Plan) –004-Dev. of Colleges for women(EH)-31-02	Rs.50,00,000/-	Rs.39,20,425/-	Rs.10,79,575/-	
5.	2204-00-101-021-Provision for Physical Education facilities in Non-Govt. Colleges (EH)	Rs.25,00,000/-	Rs.25,00,000/-	NIL	
		Rs.6,48,00,000/-	**Rs.3,54,73,403/-**	**Rs.2,93,26,597/-**	

The State Government assists the non-government colleges to improve their quality of education and infrastructure.

Funds are sanctioned for development programmes such as repair/construction of classrooms, common rooms, toilets, libraries, laboratories, auditoriums, hostels, and boundary walls as well as repair/installation of electrical works.

Some of the colleges which have received financial assistance for **construction of building** are Dwijendralal College, Nadia, Haringhata Mahavidyalaya, Nadia, Tarakeswar Degree College, Hooghly,Kabi Sukanta Mahavidyalaya, Hooghly, Vivekananda Mahavidyalaya, Haripal, Hooghly, Moynaguri College, Jalpaiguri, Tufanganj Mahavidyalaya, Cooch Behar, Birbhum Mahavidyalaya, Birbhum,Mathabhanga College, Cooch Behar,Chandraketugarh Sahiddullah Smriti Mahavidyalaya,

North 24-Parganas, Panchmura Mahavidyalaya,Bankura, All Bengal Teachers' Training College, Kolkata, Kazi Nazrul Islam Mahavidyalaya,Burdwan, Sailajananda Falguni Smriti Mahavidyalaya, Birbhum, Dr. Kanailal Bhattacharyya College, Howrah, Alipurduar College, Jalpaiguri, Narajole Raj College, Paschim Medinipur, Naba Barrackpore Prafulla Chandra Mahavidyalaya, N-24-Prgs., Vivekananda Satabarsiki Mahavidyalaya,Pashim Medinipur, Netaji Subhas Mahavidyalaya, Cooch Behar, Sammilani Mahavidyalaya, Kolkata, Krishnath College, Murshidabad, Kalna College,Burdwan, Egra Sarada Shasi Bhusan College, Purba Medinipur, Sonada Degree College, Darjeeling, R. K. Mission Vidyamandir, Howrah, Patra Sayer Mahavidyalaya, Bankura, Sudhiranjan Lahiri Mahavidyalaya,Nadia,Jamini Roy College, Bankura, Manbhum Mahavidyalaya, Purulia, Nahata Jogendranath Mondal Smriti Mahavidyalaya, North 24Pargs., Joypur P. Roy College, Howrah, Sukanta Mahavidyalaya,Jalpaiguri, Raiganj Surendranath Mahavidyalaya, Uttar Dinajpur,Kalyani Mahavidyalaya, Nadia, Hijli College, Paschim Medinipur, Seva Bharati Mahavidyalaya, Paschim Medinipur, Tamralipta Mahavidyalaya, Purba Medinipur, Panchakot Mahavidyalaya, Purulia, Cooch-Behar College, Khatra Adibasi Mahavidyalaya, Bankura, Ramananda College, Bankura, Polba Mahavidyalaya, Hooghly, Gobinda Prasad Mahavidyalaya, Bankura, Sonamukhi College, Bankura, Falakata College, Jalpaiguri, Belda College, Paschim Medinipur, Parimal Mitra Smriti Mahavidyalaya, Jalpaiguri.

The colleges which have received fund for **repair work** are Sree Ramkrishna B. T. College, Darjeeling, Joypur P. Roy College, Howrah, Alipurduar College, Jalpaiguri, Kalimpong College, Darjeeling, Belda College, Paschim Medinipur, Sushil Kar College, S-24-Pargs, Jogesh Ch. Chowdhury Law College, Kolkata, Y.S. Palpara Mahavidyalaya, Purba Medinipur.

Women's Hostel

Y.S. Palpara Mahavidyalaya, Purba Medinipur, Acharya Prafulla Chandra College, North 24-Parganas, Mahishadal Girls' College, Purba Medinipur, Joypur P. Roy College, Howrah, Belda College, Paschim Medinipur, Siliguri B. Ed. College, Darjeeling, Mahisadal Girls' College, Purba Medinipur, Syamsundar College, Burdwan, Bakura Zilla Saradamani Mahila Mahavidyalaya, Bankura, Hingalganj Mahavidyalaya, N-24-Pargs, Netaji Mahavidyalaya, Hooghly, Bakshirhat Mahavidyalahya, Cooch Behar, Santhal Bidroha Sardha Satabarsiki Mahavidyalaya, , Paschim Medinipur Patrasayer Mahavidyalaya.

1. Development of Women's College (for SC/ST students) – Thakur Panchanan Mahila Mahavidyalaya,Nistarini College, Purulia, P.D. Womens' College, Jalpairugi, Hiralal Mazumdar Memorial College for Women, Kolkata, M.U.C Womens' College, Burdwan, Raja N.L. Khan Womens' College Paschim Medinipur, Durgapur Womens' College, Burdwan

2. Funds also have been provided for holding 8th Inter Non-Govt. College Athletic Meet and Football Championship 2006-07.

Inter Non Govt. College Sports Competitions 2007

The VIII Inter Non Govt. College Athletic Meet and Football Championship 2007 were held successfully. The competitions were held at the District Level (19 districts) in the month of February, 2007 and the State Level Competitions among the District Level champion teams were held at Yuba Bharati Kriangan and SAI Complex from 16th April to 23rd April, 2007. Govt. sanctioned grant to conduct the sports meet at district level and state level also. It has been reported that almost 260 colleges turned up in the said competitions. No. of participants and improvement in performance level has creditably increased.This type of competitions are held only in West Bengal and Govt. encourages participation in sports and youth activities.

3.9 GOVERNMENT COLLEGES

Various programmes have been taken up by the State Government for improvement and strengthening of the Government Colleges.

Statement of expenditure under different plan schemes related to Govt. Colleges during the financial year 2006-2007

HEADS	AMOUNT (Rs.)	
	OTHER CHARGES	BUILDINGS
	STATE PLAN	**STATE PLAN**
Development of Presidency College	1,50,39,581	35,00,000
Development of Darjeeling Govt. College	10,70,184 + 12,00,000	31,69,758
Development of Hooghly Mohsin College	–	2,00,000
Development of 12-other Govt. Colleges	2,98,32,415 + 12,50,000	23,07,646
Development of newly established Govt. Colleges	19,76,140	24,47,400
Development of Physical Education Colleges	19,86,202	2,86,868
Development of B.Ed. Colleges	–	2,00,000
Development of B. T. Colleges	3,00,000	–
Govt. College of Art & Craft	5,00,000	–

Inter Govt. College Sports Competitions 2007

The XVIII Inter Govt. College Athletic Meet, XVI Inter Govt. College Football Championship, VII Inter Govt. College Table Tennis and IV Inter Govt. College Badminton Championship 2007 were held successfully at SAI Complex. Almost 350 participants of 17 Govt. Degree Colleges participated in the competition which is unique in its nature.

3.10 MEASURES FOR QUALITY IMPROVEMENT OF HIGHER EDUCATION

A) NAAC Accreditation Status :

The State Level Quality Assurance Co-ordination Committee constituted in 2003-2004 for the purpose of facilitating NAAC accreditation process for the colleges in the State, has been functioning satisfactorily. In the State, 7 universities and 106 colleges have been accredited by NAAC so far. Out of the colleges accredited, Midnapore College, Ramkrishna Mission Vidya Mandir, Presidency College, Kolkata have been awarded 'A+' ranking and 9 colleges have been awarded 'A' ranking. The process of accreditation has gained momentum and has been progressing steadily.

B) Accreditation of Engineering & Technology Courses (NBA of AICTE) :

All the three technology courses in 4 Govt. tech colleges have been accredited by NBA. In addition, three courses each in Jalpaiguri and Kalyani Govt. Engg. Colleges have been accredited. A few courses in six self financing colleges also received MBA accrediation.

3.11 SCHOLARSHIP & STIPEND

In order that no brilliant student is prevented from pursuing post-matric, higher studies because of poverty, the Central Government as well as the State Government introduced various scholarship schemes, four of which are being currently administered in the state by the Scholarship and Stipend Section of the Education Directorate, Government of West Bengal, Bikash Bhavan, 9th floor, North Wing, Salt Lake, Kolkata-700 091 :

i) National Scholarship Scheme

ii) National Merit Scholarship Scheme

iii) D.P.I. Special Stipend Scheme — General Stipends / Adhoc Grants (institutional)

iv) Hindi Scholarship Scheme

v) West Bengal Govt. Merit-cum-Means Scholarship Scheme

I. National Scholarship Scheme

Introduced in 1961-62, this scheme ran continuously for more than two decades before being formally withdrawn from the 2004-05 session. This means no candidates passing their qualifying examination (like Madhyamik / H.S / Graduation) in 2004-05 or later can apply for the National Scholarships any more; only the renewal cases will be sanctioned now for those scholars who qualified for this scholarship before 2004-05.

Rates of National Scholarship :

Stage	Non-hosteller or Day Scholar	Hosteller or Residential
At H.S Stage (for Madhyamik-passed candidates)	@ Rs.60/- per month	@ Rs. 100/- per month
At Graduation Stage of General Education-1st year	@ Rs.60/- per month	@ Rs. 100/- per month
(for H. S.- passed candidates) - 2nd & 3rd years	@ Rs. 90/- per month	@ Rs. 140/- per month
At Graduation Stage of Professional Courses (for H. S.- passed candidates)	@ Rs. 120/- per month	@ Rs. 300/- per month
At P. G. Stage of General Education (for B.A./ B.Sc / B.Com. passed candidates)	@ Rs. 120/- per month	@ Rs. 300/- per month

Sanction Figures in 2006-2007 :

Budget – Head	Amount sanctioned	Number of Scholars awarded
(Plan) 2202-80-107-SP-001-V-34	Rs.32,98,930.00	1181
(Non-Plan) 2202-80-107-NP-003-V-31-02	Rs.10,54,970.00	396
Total	**Rs. 43,53,900.00/-**	**1577**

II. National Merit Scholarship Scheme

This scheme has been introduced since the 2004-05 session, replacing the earlier National Scholarship Scheme. A few changes in the funding pattern, rate, quota, selection criteria etc. have been effected. The main distinctive part of this scheme are given below :

(i) The scheme is absolutely centre-funded.

(ii) The parental income ceiling is Rs. 1.00 lakh per annum.

(iii) Total quota of scholarships for the state is 1421.

National Merit Scholarship Rates and Quota (for West Bengal) :

Stage of study for which Scholarship is given	Rate per month	State's quota of scholarship(NMS)
Classes IX – X	Rs. 250/- (for 10 months in a year)	678
Classes XI – XII	Rs. 300/- (for 10 months in a year)	853
Graduation	Rs. 500/- (for 10 months in a year)	426
Post-Graduation	Rs. 750/- (for 10 months in a year)	142

N.M.S. Sanction Figures from the Education Directorate in 2006-2007

Budget – Head awarded	Amount sanctioned	Number of Scholars
2202-03-107-CS-(New Scheme)-002-V-31-02	Rs. 21,70,250/-	105

The procedure which is followed for selecting candidates at the PG & UG-level for the National Merit Scholarship Scheme and for disbursement of the scholarship to them is as follows :

The State's quota (142) for PG – level scholarships (NMS) is divided among different universities of the state. The universities then prepare their own Merit Lists (as per the quota) based on the results of their students in their graduation – level examinations and on the annual family income of the students.

For the UG – level National Merit Scholarships (quota = 426), the West Bengal Higher Secondary Council prepares the merit list and distribute the formal application forms plus Entitlement Cards to the suitable HS – passed candidates in a similar manner as described above.

III. D.P.I. Special Stipend Scheme :

This covers two types of financial assistance : (i) General Stipend, and (ii) Ad-hoc grant.

D.P.I. Special Stipends (General Stipend) are given to those Madhyamik-passed / graduation-passed students who have good results but not enough to get them a place in the merit list for National Scholarship / National Merit Scholarship. A fresh Madhyamik-passed student may continue to get the stipend till the last year of his / her graduation, provided.

Current rate, quota and eligibility information for D.P.I. Special Stipend Scheme (General Stipend) :

Qualifying students	Stipend for which stage of study	Total quota	Rate per month	Current Minimum marks required	Guardians' / parents income ceiling (per annum)
M.P.-passed	H.S. & U.G	250	Rs.40/-	65%	Rs. 25,000 p.a.(for Non-salaried parents/ Guardians) Rs. 35,000/- p.a.(for Non-salaried parents/ Guardians)
Graduation (with Honours) -passed	PG	200	Rs.60/-	50%	Rs.50,000/-p.a (for non-salaried parents/ Gurdians Rs.60,000/- p.a. (for Salaried parents/ Guardians)

The other category of D.P.I. Special Stipend, called Ad-hoc Grant, is given to four institutions in the state – (i) R.K. Mission Vidyapith, Purulia, (ii) R.K. Mission Ashrama, Sarisha, (iii) R. K .Mission Multi-purpose school, Kamarpukur and (iv) Jalpaiguri Govt. Engineering College, who in turn disburse this grant among a fixed number of their most needy and meritorious students.

Sanction Figures in 2006 – 2007 :

Type Scholars	Budget – Head	Amount Sanctioned	Number of Scholars awarded
D.P.I. Spl. Stipend (General Stipend)	2202-80-107-NP-001-V-31-02	Rs. 1,97,340/-	254
D.P.I. Spl. Stipend (Ad-hoc Grant)	2202-80-107-NP-002-V-31-02	Rs. 50,274/-	(distributed among the four institutions)

Efforts are on to revise and rationalise the rate and quota of D.P.I. Special Stipends (both General Stipend and Ad-hoc Grants).

IV. Hindi Scholarship Scheme :

In order to encourage the study of Hindi in Non-Hindi speaking states, Government of India has implemented the Hindi Scholarship Scheme for the post-matric students [H.S., U.G., P.G., and Research (M. Phil. / Ph.D. etc)]. The scholarship is given to students whose mother tongue is not Hindi and who are studying in a Non-Hindi speaking state in a recognized full-time course with Hindi as the sole subject or as one of the subjects. The quota of Hindi Scholarships For West Bengal is 239.

Hindi Scholarship Rates and Eligibility Criteria :

Stage of Study	Quota (Total = 239)	Rate	Eligibility for applying
For H.S. stage	143	@Rs.300/- per month	Hindi is to be subject In H.S. course and 60% marks in aggregate in the Matric Exam. (Madhyamik / CBSE/ ICSE etc.)
For Graduation (UG) stage	72	@Rs.500/- per month	Hindi to be a subject in UG-course and 60% aggregate marks in the H.S. Exam.
For Post-Graduation (PG) and/or Research Stage	24	@Rs.1000/- per month	Hindi to be the subject of study and 60% marks in Graduation or Post-Graduation as the case may be

Sanction Figures for Hindi Scholarship in 2006 – 2007 :

Budget – Head (Non-Plan- Developmental)	Amount sanctioned	Number of Scholars awarded
2202-05-200-ND-001-V-50	Rs. 7,06,200/-	217

V. West Bengal Merit-cum-Means Scholarship Scheme :

The State Govt. has introduced from the academic year 2006-2007, a new scholarship scheme, 'West Bengal Merit-cum-Means Scholarship' for providing financial assistance to the poor but meritorious students of the State pursuing their studies at various Post-Madhyamik levels. The amount of such scholarship will vary from Rs.500/- to 1500/- per month depending of the course of study.

The student who are domicile in West Bengal and are studying in one of the State Govt. institutions or State Govt. aided institutions after passing out from the State Board/Council of Secondary Education or State Aided University in West Bengal will be eligible for this scholarship.

3.12 FULL AND HALF FREE STUDENTSHIP FOR THE ENGINEERING & TECHNOLOGY STUDENTS :

In order to extend relief to the poor and meritorious students admitted into Govt. Engineering and Technology colleges, the State Govt. has taken measures to grant the benefit of full and half free studentship. 10% students selected on merit cum means basis will come under the purview of the scheme each year. Private self financing colleges have also been asked to extend such facilities to the possible extent.

3.13 PHYSICAL EDUCATION

Although Physical Education and Sports are not included in regular curriculum of all Govt. and Non Govt. Colleges but Government encourages these activities in various ways. These are part of Physical Instructor. Physical Instructors in colleges and they are entrusted with responsibility of organising games and sports in various colleges. Grants are released for development of play facilities and for purchase of equipments.

1. Development grant were sanctioned to the Govt. Physical Education Colleges for purchase of Books, Journals, Research Equipments etc. to four Govt. Physical Education Colleges for the 2006-07.

2. Development grant for purchase of sports equipment to all the Govt. Degree Colleges for promotion of games and sports.

3. Development grant for improvement of Laboratories and Libraries to P.G. Deptt. of Physical Education for Banipur and Hastings House.

CHAPTER – 4

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

4.1 Engineering and Technology Education

4.2 Management Education

CHAPTER – 4

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

4.1 ENGINEERING AND TECHNOLOGY EDUCATION

Till 1968, West Bengal had only 9 engineering institutions, all of which were either in the government or in the university sector. The total intake of undergraduate and postgraduate students in engineering was in the range of 1500 only. This went up slightly to a figure of 2050 in 1994. Self-financing engineering colleges were encouraged in a big way by the government and barring the notable exception of the Kalyani Government Engineering College - the only engineering college in the government sector that was established at Kalyani in Nadia in 1995 – all others were in the private sector. In last 10 years time, the number of engineering institutions has leapfrogged to 62 (sixty-two) with a total intake capacity of nearly 16000.

6 (six) new Engineering & Technological Colleges have been set up on self-financing basis in the academic session 2006-2007 – 3 (three) Engineering and the others for Pharmaceutical Technology. Total number of Engineering & Technological institutes (including university Engineering departments) in the State is now 62 (sixty-two) with an approved intake of nearly 16000.

BUDGET PROVISION AND FUND RELEASE STATEMENT UNDER STATE PLAN FOR GOVERNMENT ENGINEERING & TECHNOLOGY COLLEGES FOR THE YEAR 2006-2007 AND BUDGET PROVISION FOR THE YEAR 2007-2008.

Head of Account : "2203-Tech. Edn."

Sl. No	Name of the Institution	Budget Provision (Rs.in lakh) 2006-07	Sanctioned towards	Amount Sanctioned (Rs. in lakh)	Extra budgetary sanction (Rs. in lakh)	Budget provision sanction (Rs. in lakh) 2007-2008
1.	Jalpaiguri Government Engineering College, Jalpaiguri.	20.00	Upgradation of Lab. For E.C.E. Deptt. Purchase of articles and maintenance works Purchase of Computer & Peripherals for E.C.E. Deptt.	9.96761 10.03000	17.00	38.80

2.	Kalyani Government Engineering College, Kalyani.	20.00	Deployment of Security Guards. Purchase of Books for Library. Purchase of Furniture for Hostel. Hiring of D.G. Set and fuel consumption.	11.51661 0.31498 5.37836 2.79000	NIL	40.00
3.	Govt. College of Engineering & Textile Technology, Berhampore	15.00	Laboratory purposes.	14.25400	NIL	25.00
4.	Govt. College of Engineering & Leather Technology, Kolkata	40.00	Purchase of machines, equipments, books, furniture, Laboratory, tannery requirement, Computer etc. And AMC for various Deptt. Purchase of Books.	39.99770	40.00 13.00 07.00	70.00
5.	Govt. College of Engineering & Textile Technology, Serampore.	10.00	Purchase of equipments, books & journals and Maintenance etc.	10.00000		13.00
6.	Govt. College of Engineering & Ceramic Technology, Kolkata	10.00	Purchase of books & Journals (National & International) for all Deptts.	10.00000		20.00
7.	2203-00-112-SP-008-Dev. Of R.E. College, Durgapur [EH]-50-other charges	0.10	-	-	-	0.10
8.	2203-00-112-SP-005-Dev. Of non Govt. Engg. Colleges-grant-in-aid [EH]-31.	30.00	-	-	-	60.00
	TOTAL	**145.10**		**114.24926**	**77.00**	**266.90**

BUDGET PROVISION AND FUND RELEASE STATEMENT UNDER STATE PLAN FOR GOVERNMENT ENGINEERING & TECHNOLOGY COLLEGES FOR THE YEAR 2006-2007 AND BUDGET PROVISION FOR THE YEAR 2007-2008.

Head of Account : "4202-Capital Qutlay"

Sl. No	Name of the Institution	Budget Provision (Rs.in lakh) 2006-07	Sanctioned towards	Amount Sanctioned (Rs. in lakh)	Extra budgetary sanction (Rs. in lakh)	Budget provision sanction (Rs. in lakh) 2007-2008
1.	Jalpaiguri Government Engineering College, Jalpaiguri.	15	Maintenance work of Main Building	15.00	Nil	60.00
2.	Kalyani Government Engineering College, Kalyani.	07	Electrical connection for installation of A.C. Machine at various offices / Laboratories.	4.90	Nil	100.00
3.	Govt. College of Engineering & Textile Technology, Berhampore	55	Construction of New Building	55.00	NIL	100.00
4.	Govt. College of Engineering & Leather Technology, Kolkata	16	Repair of Hostel Buildings Special repair of staff quarters Vertical Extension of 3rd Floor	2.58282 5.22685 8.18853	10.00	55.00
5.	Govt. College of Engineering & Textile Technology, Serampore.	03	Repair work of hostel building Extension of existing hostel building Repairing work of passage between workshop & attached bathroom.	2.99235	5.87982 4.12018	43.00
6.	Govt. College of Engineering & Ceramic Technology, Kolkata	07	Renovation of Electrical Installation	6.98750		20.00
	TOTAL	**103**		**100.87805**	**20.00**	**378.00**

Information and Communication Technology related courses :

It may be emphasized that due to increasing demand of technical manpower in the field of information technology and related areas, most of the newly established institutions have introduced degree courses in Information Technology, Computer Science & Engineering and Electronics & Communication Engineering. Thus out of nearly 16,000 engineering seats , share of seats in Information Technology, Computer Science & Engineering, Electronics & Communication Engineering and other similar courses is 8700.

Biotechnology courses :

Biotechnology, Bio-Medical Engineering and Food Technology courses are now taught at undergraduate level in a number of colleges. Biotechnology and Food Technology courses are available at Jadavpur University, Calcutta University and West Bengal University of Technology and some private engineering colleges.

Introduction of Master of Computer Application (M.C.A.) Courses :

The expansion of engineering and technology education in the State has been further facilitated by the introduction of M.C.A. course in as many as 28 (twentyeight) Institutions including the universities. The total intake capacity for the Master of Computer Application (M.C.A.) course is more than 1300 .

This apart, NIT, Durgapur; Bidhan Chandra Krishi Viswavidyalaya , Netaji Subhas Open University, Visva-Bharati and Indira Gandhi National Open University also conduct MCA course.

Lateral Entry Scheme :

In tune with the scheme of the All India Council for Technical Education, the State Govt. has extended the scope of degree level engineering education to the diploma holders in engineering in the State through the Lateral Entry Scheme. Under this scheme, diploma holders from the Polytechnic institutions have got the opportunity to seek direct entry in the second year of undergraduate engineering courses after qualifying in a state level admission test conducted for the purpose to the extent of 10% of the total intake along with vacant seats of 1st year.

Post-Graduate Programme

Government Engineering and Technology Colleges

Sl. No.	Name of the Institution	M. Tech. Course	Intake Capacity
1.	Kalyani Govt. Engg. College	C.S.E. E.C.E. Production Engineering	18 18 18
2.	Govt. College of Engg. & Textile Technology, Serampore	Textile Technology	10
3.	Govt. College of Engg. & Leather Technology, Kolkata	Leather Technology	25
4.	Govt. College of Engg. & Ceramic Technology, Kolkata	Ceramic Technology	18

Self-financing Engineering and Technology / Pharmacy Colleges :

Sl. No.	Name of the Institution	Year of introduction	Discipline-wise intake	Total approved intake
1.	Institute of Engineering and Management, Salt Lake	2006-2007	ECE	18
2.	Netaji Subhash Engineering College, Garia	2005-2006	CSE-18 Communication Engg. - 18 Control & Instrumentation-18	54
3.	Heritage Instt. Of Technology	2006-2007	AEIE - 18 CSE-18	54
4.	Haldia Institute of Tech.	2005-2006	Chemical Engg. – 18 ECE-18 CSE-18	54
5.	JIS College of Engg.	2005-2006	Electrical Device & Power System -18 Mobile Communication-18	36
6.	Techno India	2006-2007	ECE	18
7.	Gupta College of Technological Sciences	2006-2007	Physical Chemistry-10 Pharmacutics-10	20

Accreditation status of the Government Engineering and Technology Colleges of the State :

Sl. No.	Name of the Institution	Accredited courses	With effect from	Duration of accrediation
1.	Kalyani Govt. Engg. College, Kalyani	ECE	10.09.2004	3 years
		Mechanical	10.09.2004	3 years
		Comp. Sc. & Engg.	10.09.2004	3 years
2.	Jalpaiguri Govt. Engg. College, Jalpaiguri	Mechanical Engg.	15.02.2005	3 years
		Electrical Engg.	15.02.2005	3 years
		Civil Engg.	15.02.2005	3 years
3.	Govt. College of Engg. & Leather Technology, Kolkata	Leather Technology	11.06.2004	3 years
4.	Govt. College of Engg. & Textile Technology, Serampore	Textile Technology	11.06.2004	3 years
5.	Govt. College of Engg. & Textile Technology, Berhampore	Textile Technology	11.06.2004	3 years
6.	Govt. College of Engg. & Ceramic Technology, Kolkata	Ceramic Technology	15.02.2005	3 years

NBA accreditation of under-graduate courses of Self-financing Engineering and Technology Colleges affiliated under West Bengal University of Technology till date :

Sl. No.	Name of the Institution	Name of the Programme (s)	With effect from	Period of validity
1.	Haldia Institute of Technology	B.Tech in Chemical Engineeirng	19.03.2004	3 Years
		B.Tech in Computer Sc. & Engg.	19.03.2004	3 Years
		B.Tech in Electronics & Instrumentation Engineering	19.03.2004	3 Years
		B.Tech in Electronics & Communication Engg.	19.03.2004	3 Years
2.	College of Engineering and Management, Kolaghat	B.Tech. in Computer Science & Engineering.	11.06.2004	3 Years
		B.Tech. in Electronics & Instrumentation Engg.	11.06.2004	3 Years
		B.Tech in Electrical Engg.	11.06.2004	3 Years
3.	Netaji Subhas Engg. College, Garia	B.Tech in Computer Sc. & Engg.	11.06.2004	3 Years
		B.Tech in Electronics & Comm. Engg.	11.06.2004	3 Years
		B.Tech in Electrical Engg.	11.06.2004	3 Years
4.	Institute of Engineering & Management	B.Tech in Electronics & Comm. Engg.	11.06.2004	5 Years
		B.Tech in Computer Sc. & Engg.	20.07.2005	3 Years
		B.Tech in Information Technology	31.03.2006	3 Years
5.	Asansol Engineering College	B.Tech in Electronics & Communication Engg.	31.03.2006	3 Years
6.	Bengal College of Engg. & Technology	B.Tech in Bio-Technology, Electronics & Communication Engg. Computer Science & Engg. Information Technology	16.03.207	3 Years

Revision of fee structure :

Fee-Structure Committee set-up by the State Government in the Higher Education Deptt. as per the judgment of Supreme Court has made an interim recommendation for the revision of fee structure of the Engineering and Technology courses. The Committee recommended for revision of existing tuition fee (Rs.31,200) to Rs. 41, 000/- per annum maximum for self-financing Engineering and Technology Colleges. A Government Order has been issued vide No. 410-Edn(T) , dated, 21.06.2006.

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

World Bank Assisted Govt. of India sponsored project – Technical Education Quality Improvement Programme(TEQIP). :

This is for the first time in the State of West Bengal that any externally aided Govt. of India sponsored programme for upgradation of degree level Engineering & Technology Education is being implemented.

Under TEQIP, three universities, e.g. Calcutta University , Jadavpur University and Bengal Engineering and Science University acting as lead institutions and eight network institutions (4 Govt. Institutions and 4 Self-financing/Private institutions) have been selected.

Govt. Institutions: Jalpaigur Govt. Engineering College, Jalpaiguri; Kalyani Govt. Engg. College, Kalyani; Govt. College of Engg. & Ceramic Technology , Kolkata and Govt. College of Engg. & Textile Technology, Serampore.

Private self financing Institutions: Haldia Institute of Technology, Haldia; Institute of Engg. and Management, Salt Lake; Asansol Engineering College, Asansol and Netaji Subhas Engineering College, Kolkata.

Lifetime allocation of the programme is Rs. 153.00 crore. The 1st phase of the Project will be completed in August, 2008. Till 2006-07 the State Govt. released Rs. 130 crore.

Areas of development under the TEQIP are :

1. Introduction of new programmes (Engg. & Technology both in U.G & P.G.)
2. Reformation (obtaining partial autonomy)
3. Internal Revenue Generation
4. Faculty and Staff Development Programme
5. Net working
6. Infrastructural Development
7. Community Development; Tribal Development.

Government Merit-cum-Means Scholarship :

From 2006-2007, a scholarship scheme has been introduced with 'Chief Minister's Fund' at the rate of Rs. 1400 per month per student. Higher Secondary passed students studying in Government /Government aided Institutions (family's annual income not more than Rs. 50,000) are eligible for applying under this Scholarship Scheme. Rs. 5,88,000/- has been sanctioned for this purpose initially, 75 persons have been targeted for granting this Scholarship.

Other Professional Courses :

West Bengal University of Technology (WBUT) has launched several professional courses other than Engg. & Tech. from 2001-2002 academic year . Initially the university gave affiliation for B. Optometry (4 year's course), BBA (3 Year's course),etc. Entry level qualification for these courses is '10+2' level. Gradually, WBUT started affiliating courses like Hospitality Management , Travel and

Tourism Management , Insurance and Risk Management , etc. In 2006-2007, there are 28 No. of affiliated Colleges under WBUT conducting various Non-AICTE professional courses and the total intake capacity is about 6,000.

Significant Policies adopted for effective Governance of the Private Self-financing Institutions :

1. Financial Assistance to poor and meritorious students :

While recommending enhancement of tuition fees, the Fee-structure Committee has also recommended for a provision of free-studentship to the meritorious and economically handicapped students at least to the extend of 5% of the annual intake. This provision has been implemented by most of the Colleges authorities towards financial assistance to such students who submitted prayer for such financial assistance.

2. Refund of fees for re-admission to second Institution through re-counselling

Large number of applications were received in the Directorate from the students opting for admission in other colleges through re-counselling requesting refund of tuition fees .The Directorate has taken initiative and requested the colleges to refund the fees to the students concerned following the Government Order issued in this regard. The institutions have responded voluntarily.

3. Restructuring of the Governing Body and its proper functioning as per guidelines of the AICTE

Due attention has been given for constitution of the Governing bodies of the colleges following the AICTE norms. The State Government has taken pro-active role towards their proper functioning. The colleges have been instructed to conduct Governing Body meetings at regular intervals.

4. Rating of Private Institutions for their gradual up-gradation

Some quality markers have been identified and information on those aspects are being collected from the self-financing Colleges. Some grade points have been assigned against each such quality marker based on which scoring of each of the Colleges has been initiated. In this way, the significantly weak areas of each College could be identified so that those can be improved by joint effort of the Directorate and the Institutions.

EXISTING FACILITIES IN ENGINEERING & TECHNOLOGY EDUCATION :

B.E./B.Tech./B.Pharm and B.HM courses at post-H.S. Level are available in more than 60 (sixty) Engineering and Technology Institutes of the State. These includes the 5 (five) university/university faculties, 6 (six) Govt. Engineering & Technology colleges, the Institute of Jute Technology under the Ministry of Textiles, Govt. of India, Institutes and rest are private Engineering/Technology/Hotel Management colleges.

4.1.1 LIST OF A.I.C.T.E. APPROVED ENGINEERING & TECHNOLOGY DEGREE COLLEGES AND UNIVERSITY ENGINEERING FACULTIES/DEPARTMENTS OFFERING ENGINEERING AND TECHNOLOGY COURSES IN DIFFERENT DISCIPLINES ALONGWITH INTAKE CAPACITY

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
1. Bengal Engineering and Science University, P.O.-Botanic Garden, Howrah- 711103, Ph : (033)2668-4561/ 62 / 63, Fax : (033)2668-2916/4564 (Year of Establishment -1856), (D.U since 1992)														
Architecture	22								2					24
Civil Engineering	90													90
Computer Science & Technology	25								-5	40				60
Electrical Engineering	65								-5					60
Electronics & Tele-Communication Engineering	35								-5	30				60
Information Technology							60							60
Mechanical Engineering	65								-5					60
Metallurgical Engineering	35								-5					30
Mining Engineering	30													30
Institution Total (Year wise)	***367***						***60***		***-23***	***70***				***474***
2. Faculty of Engineering & Technology, Jadavpur University, Jadavpur, Kolkata-700032 (State Aided University), Ph : (033) 2473-4044 / 4495; Fax : (033) 2473-5508 / 2413-7121 (Year of Establishment-1955)														
Architecture	20					10								30
Chemical Engineering	60					10								70
Civil Engineering	90					10								100
Computer Science & Engineering	40					20								60
Construction Technology	30					10								40
Electrical Engineering	90					10								100
Electronics & Instrumentation Engineering	20													20
Electronics & Tele-Communication Engineering	50					10								60
Information Technology							40				20			60
Instrumentation Engineering	20										20			40

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Mechanical Engineering	90					10								100
Metallurgical Engineering	20					10								30
Pharmacy	60					10								70
Power Plant Engineering	30					10								40
Printing Engineering	20													20
Production Engineering	30					10								40
Institution Total (Year wise)	***670***					***130***	***40***				***40***			***880***
3. Government College of Engineering and Leather Technology, New Campus:L.B-Block, Sector-III, Salt Lake, Kolkata-700091 (A State Govt. Institute), Ph. (033) 2350-1264/7311 Established as an Institute in 1919. B.Sc (Tech) Degree introduced in 1955														
Computer Science & Engineering							40					-40		0
Information Technology						40						-40		0
Leather & Footwear Technology	30													30
Institution Total (Year wise)	***30***					***40***	***40***					***-80***		***30***
4. Government College of Engineering and Textile Technology, Serampore, Dist. Hooghly , Pin-712201 Ph: (033) 26623156/ 1058 Established as an Institute in 1908. B.Sc(Tech) degree introduced in 1957 and B.Tech in 1998														
Computer Science & Engineering								40	-10					30
Information Technology							40		-10					30
Textile Technology	30													30
Institution Total (Year wise)	***30***						***40***	***40***	***-20***					***90***
5. Government College of Engineering and Textile Technology, Berhampore, Dist. Murshidabad, Pin-742101 Ph: (03482) 250142 Established as an Institute in 1927. B.Sc(Tech) degree introduced in 1958 and B.Tech in 1998														
Computer Science & Engineering								40						40
Textile Technology	30													30
Institution Total (Year wise)	***30***							***40***						***70***
6. Jalpaiguri Govt. Engg. College, Jalpaiguri, Pin-735102 (A State Govt. Institute) Phone -(03561) 255130, Fax : (03561)255131 (Year of Establishment-1961)														

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Civil Engineering	45					15								60
Computer Science & Engineering							40					20		60
Electrical Engineering	45				15									60
Electronics & Communication Engineering							40					20		60
Information Technology								40				20		60
Mechanical Engineering	60													60
Institution Total (Year wise)	***150***				***15***	***15***	***80***	***40***				***60***		***360***
7. Government College of Enginering and Ceramic Technology, 73,A.C Banerjee Rd. Calcutta-700010 (A State Govt. Institution) Ph: (033)23501264/7311 Established as an Institute in 1941. B.Sc (Tech) degree introduced in 1962 and B.Tech in 2000														
Ceramic Technology	40													40
Computer Science & Engineering								40						40
Information Technology							40							40
Institution Total (Yearwise)	***40***						***40***	***40***						***120***
8. Kalyani Government Engineering College, Kalyani, Nadia Pin-741235 (A State Govt. Institute) Ph: (033)2582-6680/1309 Fax : (033) 25821309, (Year of Establishment-1995)														
Computer Science & Technology		30	10		20									60
Electronics & Communication Engineering		30			30									60
Information Technology							40					20		60
Mechanical Engineering		30	10		20									60
Electrical Engineering												60		60
Institution Total (Year wise)		***90***	***20***		***70***		***40***					***80***		***300***
9. Haldia Institute of Technology, ICARE Complex, HIT Campus, P.O.: Hatiberia, Haldia, Dist.: Purba Midnapore, Pin.-721657 (Private Institute), Ph: (03224) 52800, Fax : (03224) 52900 (Year of Establishment-1996)														
Bio-Technology.								40			20		60	120
Chemical Engineering			30		30									60
Civil Engineering											60		60	120

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Computer Science & Engineering			30	30										60
Electrical Engineering									40		20			60
Electronics & Communication Engineering				30			30							60
Information Technology							40					20		60
Instrumentation and Control Engineering											60			60
Applied Electronics & Instrumentation Engineering			30		30									60
Mechanical Engineering				40								20		60
Production Engineering								40						40
Food Technology													60	60
Institution Total (Year wise)			***90***	***100***	***60***		***70***	***80***	***40***		***160***	***40***	***180***	***820***
10.Institute of Engineering & Management, Salt Lake,Y-12, Sector - V, Electronics Complex, Kolkata-91 (Private Institute) Ph: (033) 2357-2059 Fax : (033) 2357-8302 (Year of Establishment-1997)														
Computer Science & Engineering							90							90
Electronics & Tele-Communication Engineering				60										60
Information & Multimedia Technology						60								60
Institution Total (Year wise)				***60***		***60***	***90***							***210***
11.Bankura Unnayani Institute of Engineering, P.O.-Bhagabandh, P.S. & Dist. - Bankura, Pin-722146 (Private Institute) Ph : (03242) 255855/ 255955, Fax : +91-3242-255955 (Year of Establishment-1998)														
Computer Science & Engineering				60										60
Electronics & Communication Engineering				60										60
Electronics & Instrumentation Engineering				60										60
Information Technology							40		20					60
Electrical Engineering													60	60
Institution Total (Year wise)				***180***			***40***		***20***				***60***	***300***
12.Murshidabad College of Engineering & Technology, P.O Berhampur, P.S Balrampur, Dist Murshidabad. (Private Institute) Ph: (03482) 251191/251196/251136 (Year of Establishment-1998)														

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Computer Science & Technology					40	20								60
Electronics & Communication Engineering					40		20							60
Information Technology							30	10	20					60
Institution Total (Year wise)					***80***	***20***	***50***	***10***	***40***					***180***
13.College of Engineering & Management, Kolaghat KTPP Township P.S Mecheda, Dist.: Purba Midnapur, Pin: 721171(Private Institute), Ph : (03228) 250971/249443 Fax : 03228-250880, (Year of Establishment-1998)														
Computer Science & Engineering					40	20								60
Electrical Engineering					40	20								60
Electronics & Instrumentation Engineering					40				20					60
Information Technology					40	20			20					60
Electronics & Communication Engineering										60				60
Institution Total (Year wise)					***160***	***40***			***40***	***60***				***300***
14.Asansol Engineering College, Sen Releigh Road, Kanyapur, Asansol-713304 (Private Institute) Ph. : (0341)251426/ 252108, Fax: (0341) 2253056/2254248, (Year of Establishment-1998)														
Computer Science & Engineering					60			30						90
Electrical Engineering					60				30					90
Electronics & Communication Engineering					60				30					90
Information Technology					60			30		-30				60
Instrumentation Engineering									40	20				60
Mechanical Engineering										30				30
Institution Total (Year wise)					***240***			***60***	***100***	***20***				***420***

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
15.Netaji Subhas Engineering College, Techno City, Panchpota Police Para, P.O. Panchpota, Dist.24 Parganas (S) : Ph : (033) 2436-3333 /1285, Fax : (033) 2436-1286 (Private Institute) (Year of Establishment-1998)														
Applied Electronics & Instrumentation Engineering												60		60
Bio-Medical Engineering										30				30
Computer Science & Engineering					40		20	30				30		120
Electrical Engineering					60									60
Electronics & Communication Engineering					40		20	30				30		120
Information Technology					40		20	30						90
Institution Total (Year wise)					***180***		***60***	***90***		***30***		***120***		***480***
16.University Science Instrumentation Centre, Kalyani University ,Kalyani, Nadia, Pin- 741235, (Govt. aided Institute) Ph : (033) 2582-6680/ 1039, Fax : (033) 2582-6680 (Year of Establishment-1999)														
Electronics & Instrumentation Engineering						40								40
Information Technology						40								40
Institution Total (Year wise)						***80***								***80***
17.B.P Poddar Institute of Management & Technology, 137, V.I.P. Road (Mondal Ghanti) Kolkata - 700052, (Private Institute), Ph: (033) 25739607/9608/ 9609/ 9610, Fax : 033-2573-9401 (Year of Establishment-1999)														
Computer Science & Engineering						60								60
Electrical Engineering						60		-30		30				60
Electronics & Communication Engineering						60							60	120
Information Technology						60								60
Institution Total (Year wise)						***240***		***-30***		***30***			***60***	***300***
18.MCKV Institute of Engineering, 243, G.T. Road (North), Liluah, Howrah-711204 (Private Institute) Ph : (033) 26549315/ 16/17/18, Fax : 2242-5487, (Year of Establishment-1999)														

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Automobile Engineering										60				60
Computer Science & Engineering						60		30	-30					60
Electronics & Communication Engineering						60		30	-30					60
Information Technology						60		30	-30					60
Institution Total (Year wise)						***180***		***90***	***-90***	***60***				***240***
19.RCC Institute of Information Technology, College of Leather Technology, (Old Campus), Canal South Road, Beleghata, Kolkata- 700015 , (A Govt. aided Institute) Ph : (033) 2216-1463/1400, Fax : (033) 2323-8003 (Year of Establishment - 1999)														
Computer Science & Engineering						60								60
Information Technology						60								60
Electronics & Communication Enginering													60	60
Institution Total (Year wise)						***120***							***60***	***180***
20.Birbhum Institute of Engineering & Technology, , P.O. - Suri, Dist. - Birbhum, Pin - 731101 (A Private Institute) Ph : (03462) 256839, Fax : (03462) 256839, (Year of Establishment-1999)														
Computer Science & Engineering						60								60
Electrical Engineering						60								60
Electronics & Communication Engineering						60								60
Information Technology								40					20	60
Mechanical Engineering						60								60
Civil Engineering													60	60
Institution Total (Year wise)						***240***		***40***					***80***	***360***
21.Siliguri Institute of Technology, Techno Campus, Salbari, Hill Cart Road, Pin: 734225 Siliguri, Darjeeling, (A Private Institute) Ph: (0353) 2574074, 2574075 Fax : 0353-2574076 (Year of Establishment-1999)														
Bio Technology										30				30
Computer Science & Engineering						60			30					90
Electrical Engineering						60								60
Electronics & Communication Engineering						60								60

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Information Technology						60								60
Instrumentation Engineering						60								60
Institution Total (Year wise)						***300***			***30***	***30***				***360***
22.Institute of Jute Technology,35,Ballygunge Circular Road,Kolkata-700019 (a Central Govt Aided Institution under Ministry of Textile, Govt. of India) Ph : (033) 2475-1985/2476-1166 Fax : 033-2475-0996, Established as an Institute in 1951. B.Tech Degree introduced in 1999														
Jute & Fibre Technology	30													30
Institution Total (Year wise)	***30***													***30***
23.Dr. B.C.Roy Engineering College, Durgapur, Jemua Road, Fuljhore, Durgapur-713206 (Private Institute), Ph. (0343) 2502449, Fax : 0343-2545718, (Year of Establishment-2000)														
Mechanical Engineering										30	30			60
Computer Science & Engineering							60							60
Electrical Engineering							60							60
Electronics & Communication Engineering									60					60
Electronics & Instrumentation Engineering							60							60
Information Technology							60							60
B. Pharmacy												60		60
Institution Total (Year wise)							***240***		***60***	***30***	***30***	***60***		***420***
24.Bengal Institute of Technology, Tech. Town, P.O.Bamonghata, On Basanti Highway, Kolkata, Pin : 700 039. (Private Institute) Ph.: 033-2345-8001/02/03, Fax : 033-2345-8005 (Year of Establishment-2000)														
Bio-Technology.									30					30
Computer Science & Engineering							60							60
Electronics & Communication Engineering							60							60
Information Technology							60							60
Institution Total (Year wise)							***180***		***30***					***210***
25. St. Thomas College of Engineering & Technology, 4, Diamond Harbour Road, Kolkata-700 023, (Private Institute), Ph.: 033-2448-1081/1082, Fax : 2448-2914, (Year of Establishment-2000)														

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Computer Science & Engineering							60							60
Electrical Engineering							60							60
Electronics & Communication Engineering							60							60
Information Technology							60							60
Institution Total (Year wise)							***240***							***240***
26. JIS College of Engineering, Block-A, Phase-III, Kalyani, Nadia-741235 (Private Institute) Ph. (033) 2582-2154/ 2582-2137,2138 (Year of Establishment-2000)														
Bio Medical Engineering										30		30		60
Computer Science & Engineering							60	30						90
Electrical Engineering							60							60
Electronics & Communication Engineering							60							60
Electronics & Instrumentation Engineering									40			20		60
Information Technology							60	30						90
Institution Total (Year wise)							***240***	***60***	***40***	***30***		***50***		***420***
27.University Institute of Technology, Burdwan University, P.O. Rajbati, Dist.Burdwan, Pin-713104 (A Govt. aided Institute), Ph. (0342) 2557-800/561-016, Fax.-0342-2564452 (Year of Establishment-2000)														
Applied Electronics & Instrumentation Engineering										30	30			60
Computer Science & Engineering							40	20						60
Electronics & Communication Engineering							40	20						60
Information Technology							40		20					60
Institution Total (Year wise)							***120***	***40***	***20***	***30***	***30***			***240***
28.Gupta College of Technological Sciences, Ashram More, G.T. Road, Asansol-713301 (Private Institute), Ph.(0341) 2213120/2204423/2203839, Fax : 0341-2213120 (Year of Establishment-2000)														
Pharmacy							60	30						90
Institution Total (Year wise)							***60***	***30***						***90***

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
29. School of Information Technology, West Bengal University of Technology														
Information Technology							70							70
Institution Total (Year wise)							***70***							***70***
30.Dumkal Institute of Engineering & Technology, Mouza Ramna, Etbar Nagar, Basantapur, P.O.: Dumkal, Dist.: Murshidabad, Pin: 742303. (Private Institute), Ph. : (03481) - 230033/230040 Fax : (03481) - 231188, (Year of Establishment-2001)														
Computer Science & Engineering								60						60
Electronics & Communication Engineering								60						60
Electronics & Instrumentation Engineering								60						60
Information Technology								60						60
Electrical Engineering													60	60
Institution Total (Year wise)								***240***						***300***
31.Narula Institute of Technology, 81, Nilgunj Road, Agarpara, Kolkata - 700056. (Private Institute) (Year of Establishment-2001), Ph : 033-2563-7777/8880, 2583-7029														
Computer Science & Engineering								60						60
Electrical Engineering									60					60
Electronics & Communication Engineering								60						60
Information Technology								60						60
Institution Total (Year wise)								***180***	***60***					***240***
32.Techno India, Plot No. EM-4/1, Salt Lake Electronics Complex, Sector - V, Kolkata - 700091. (Private Institute) (Year of Establishment-2001), Ph : 033-2357-5683/84/85, Fax : 033-2357-5686														
Food Technology										30	30			60
Computer Science & Engineering								60						60
Electrical Engineering								60						60
Electronics & Communication Engineering								60		30				90
Information Technology								60						60

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Electronincs & Instrumentation Enginering													60	60
Institution Total (Year wise)								***240***		***60***	***30***		***60***	***390***
33.Bengal College of Engineering & Technology, Shahid Sukumar Banerjee Sarani, Durgapur - 713212 (Private Institute) (Year of Establishment-2001) Ph. : 0343-2533186 Fax: 0343-2536756														
Applied Electronics & Instrumentation Engineering											60			60
Electrical & Electronics Engineering										30	30			60
Bio-Technology.								60						60
Computer Science & Engineering								60						60
Electronics & Communication Engineering								60						60
Information Technology								60						60
Institution Total (Year wise)								***240***		***30***	***90***			***360***
34.Meghnad Saha Institute of Technology, Madurdaha, Behind Ruby Hospital, (Near NRI Complex) Kolkata - 700 039. (Private Institute) (Year of Establishment-2001) Ph. : 033-24431031/1033 Fax : 033-24431032.														
Civil Enigneering										60				60
Computer Science & Engineering								60						60
Electrical Engineering								60						60
Electronics & Communication Engineering									60					60
Information Technology								60						60
Institution Total (Year wise)								***180***	***60***	***60***				***300***
35.Heritage Institute of Technology, Chowdhaga Road,Anandapur, P.O. : East Kolkata Town Ship, Kolkata - 700 017. (Private Institute) (Year of Establishment-2001), Ph. : 033-2443-0454/0457/0710 Fax : 033-2443-0455														
Bio-Technology.									30	30				60
Chemical Engineering									60					60
Computer Science & Engineering								60					30	90

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Electronics & Communication Engineering								60					30	90
Applied Electronics & Instrumentation Engineering								60						60
Information Technology								60						60
Institution Total (Year wise)								***240***	***90***	***30***			***60***	***420***
36.National Power Training Institute (ER) Michael Faraday St. City Center, Durgapur-713216. (Self-Financing Institute under the Ministry of Power, Govt. of India) (Year of Establishment 2002) Ph : 0343-2545888 / 2546237, Fax : 0343-2545888														
Power Plant Engineering									60				60	
Institution Total (Year wise)									***60***				***60***	
37.Future Institute of Engineering & Management, Ramkrishna Mission Pally, Kolkata-700 150. (Private Institute) (Year of Establishment-2002) Ph : 2434-5640/5615 Fax : 2434-5641														
Mechanical Engineering										60				60
Computer Science & Engineering									60				30	90
Electrical Engineering									60					60
Applied Electronics & Instrumentation Engineering									60					60
Electronics & Communication Engineering									60				30	90
Institution Total (Year wise)									***240***	***60***			***60***	***360***
38.Institute of Technology & Marine Engg.,Vill-Jingha, P.O. Amira, P.S-Diamond Harbour, Dist-South 24 Parganas, W.B-743368 (Private Institute), (Year of Establishment-2002) Ph. : 033-245078/101, Fax : 033-245108														
Bio-Technology.									30					30
Computer Science & Engineering									60					60
Electronics & Communication Engineering									60					60

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Information Technology									30	30				60
Marine Engineering									60		20			80
Institution Total (Year wise)									***240***	***30***	***20***			***290***
39.Mallabhum Institute of Technology, Braja Radha Nagar (Gopalpur), P.O. Gosainpur., Dist. : Bankura, W.B.Pin : 722122, (Private Institute) (Year of Establishment-2002) Ph : 03244-255207/208, Fax: 033-24406996														
Electrical Engineering										30			30	60
Computer Science & Engineering									60					60
Electronics & Communication Engineering									60					60
Information Technology									60					60
Mechanical Engineering											30		30	60
Production Engineering									60		–30			30
Institution Total (Year wise)									***240***	***30***			***60***	***330***
40.Durgapur Institute of Advanced Tech. & Management, G. T. Road, Rajbandh,Durgapur - 713212 (Private Institute) (Year of Establishment-2002) Ph : 0343-2520712, Fax : 0343-2520713														
Chemical Engineering											60			60
Computer Science & Engineering									60		30			90
Electrical Engineering									60					60
Electronics & Communication Engineering									60		30			90
Information Technology									60					60
Institution Total (Year wise)									***240***		***120***			***360***
41.Calcutta Institute of Pharmaceutical Technology & Allied Health Sciences, Banitabla, P.O.: Uluberia, Howrah - 711 316 (Private Institute) (Year of Establishment-2002) Ph : 033-26610499, Fax : 033-28075015														
Pharmacy									60				60	
Institution Total (Year wise)									***60***				***60***	
42.Aryabhatta Institute of Engineering & Management, Panagarh, Panagarh Bazar, Dist. Burdwan Pin-713148, (Private Institute) Year of Establishment-2003, Ph : 0343/2526415/416/417, Fax : 0343-2526417														

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Computer Sciecne & Engineering										60				60
Electronics & Communication Engineering										60				60
Electrical Engineering										60				60
Information Technology										60				60
Institution Total (Year wise)										***240***				***240***
43.Bengal Institute of Technology & Management, Shriniketan Bypass, Gopal Nagar, P.O. Doranda, Birbhum-731236, (Private Institute) Year of Establishment-2003, Ph : 03463-271354, Fax : 03463-271353														
Applied Electronics & Instrumentation Engineering											60			60
Computer Science & Engineering										60			30	90
Electronics & Communication Engineering										60			30	90
Electrical Engineering										60				60
Information Technology										60				60
Institution Total (Year wise)										***240***	***60***		***60***	***360***
44.Gurunanak Institute of Technology, 157/F, Nilgunge Road, Panihati, Dist-24 Pgs. (N) Pin-743176 Private Institute, Year of Establishment-2003, Ph. 033-2558-0983, Fax : 033-2528-9000														
Computer Science & Engineering										60				60
Electronics & Communication Engineering										60				60
Applied Electronics & Instrumentation Engineering										60				60
Electrical Engineering										60				60
B. Pharmacy												60		60
B Hotel Management												60		60
Food Technology													60	60
Institution Total (Year wise)										***240***		***120***	***60***	***420***
45. Sarojmohan Institute of Technology, Guptipara, Dist.- Hooghly, Pin-712 512, (Private Institution) Year of Establishment-2003, Ph. 03213-262201														

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Computer Science & Engineering										60			30	90
Electronics & Communication Engineering										60				60
Electrical Engineering										60				60
Information Technology										60				60
Mechanical Engineering											60			60
Applied Electronics & Instrumentation Engineering													60	60
Institution Total (Year wise)										***240***	***60***		***90***	***390***
46. IMPS College of Engineering & Technology, Nityanandapur, P.O. & Dist.- Malda, Pin-732 101 Private Institution, Year of Establishment-2003, Ph. 03512-271555 / 251272														
Computer Science & Engineering										60				60
Electronics & Communication Engineering										60				60
Electrical Engineering										60				60
Information Technology										60				60
Institution Total (Year wise)										***240***				***240***
47. Calcutta Institute of Engineering & Management, 24/1 A, Chandi Ghosh Road, Kolkata-700 040 Private Institution, Year of Establishment-2003, Ph. : 033-2421-5747, Fax : 033-2421-8998														
Computer Science & Engineering										60				60
Electronics & Communication Engineering										60				60
Electrical Engineering										60				60
Information Technology										60				60
Instrumentation Engineering													60	60
Institution Total (Year wise)										***240***			***60***	***300***
48. Academy of Technology, G. T. Road, P.O.: AEDCO, Nagar, Dist - Hooghly, Pin-712121 Private Institution, Year of Establishment-2003														
Computer Science & Engineering										60				60

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Electronics & Communication Engineering										60				60
Electrical Engineering										60				60
Applied Electronics & Instrumention Engineering										60				60
Instrumentation and Control Engineering											60			60
Information Technology													60	60
Institution Total (Year wise)										***240***	***60***		***60***	***360***
49.Netaji Subhas Chandra Bose Institute of Pharmacy, P.O. & P.S. : Chakdaha, Nadia, West Bengal-741 222, (Private Institute) Year of Establishment-2004														
B. Pharmacy											60			60
Institution Total (Year wise)											***60***			***60***
50. Hooghly Engineering & Technology College, C/o Hooghly Institute of Technology, Hooghly, P.O. & Dist. : Hooghly, (Private Institute) Year of Establishment-2004														
Civil Engineering											60			60
Computer Science & Engineering											60			60
Electronics & Communication Engineering											60			60
Electrical Engineering											60			60
Institution Total (Year wise)											***240***			***240***
51. Calcutta Institute of Technology, P.O. : Banitabla, P.S. : Uluberia, Dist. : Howrah-711 316, West Bengal (Private Institute) Year of Establishment-2004														
Bio-Medical Engineering											60			60
Chemical Engineering											60			60
Computer Science & Engineering											60			60

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Electronics & Communication Engineering											60			60
Information Technology													60	60
Institution Total (Year wise)											***240***		***60***	***300***
52. Techno India College of Technology, New Town, Kolkata-71, (Private Institute) Year of Establishment-2005														
Computer Science & Engineering												60		60
Information Technology												60		60
Electronics & Communication Engineering												60		60
Electrical Engineering												60		60
Electronics & Instrumentation Engineering													60	60
Institution Total (Year wise)												***240***	***60***	***300***
53. H. C. Garg Institute of Science and Tech. 124, B. L. Saha Road, Tollygunge, Kolkata-700053, (Private Institute) (Yera of Establishment-2005)														
B. Pharmacy												60		60
Institution Total (Year wise)												***60***		***60***
54. BCDA College of Pharmacy & Technology														
B. Pharmacy													60	60
Institution Total (Year wise)													***60***	***60***
55. Bengal School of Technology														
B. Pharmacy													60	60
Institution Total (Year wise)													***60***	***60***

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
56. Bharat Technology														
B. Pharmacy													60	60
Institution Total (Year wise)													***60***	***60***
57. Seacom Engg. College														
Computer Sc. & Engineering													60	60
Electronics & Comm. Engg.													60	60
Electrical Engineering													60	60
Mechanical Engineering													60	60
Institution Total (Year wise)													***240***	***240***
58. Dream Instt. of Technology														
Computer Sc. & Engineering													60	60
Electronics & Comm. Engg.													60	60
Electrical Engineering													60	60
Applied Electronics & Instrumentation Engineering													60	60
Institution Total (Year wise)													***240***	***240***
59. Institute of Science & Technology														
Computer Sc. & Engineering													60	60
Electronics & Comm. Engg.													60	60
Information Engineering													60	60
Applied Electronics & Instrumentation Engineering													60	60
Institution Total (Year wise)													***240***	***240***
Grand Total at B.E/B.Tech (Post Higher Secondary) level	***1347***	***90***	***110***	***340***	***845***	***1465***	***1800***	***1950***	***1577***	***2370***	***1225***	***740***	***2090***	***15949***

B.E./B.Tech (Post B. Sc.)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
1. Calcutta University, University College of Science & Technology, *(A State aided University)*														
Chemical Engineering	40													40
Ceramic Technology	10													10
Oil Technology	10													10
Petrochemical & Petroleum Refinery Engineering	10													10
Pharmaceuticals & Fine Chemical Engineering	10													10
Computer Science & Engineering	30						10							40
Electrical Engineering	14									6				20
Information Technology							40							40
Instrumentation Engineering	16									4				20
Opto Electronics	20													20
Polymer Technology	30													30
Radio Physics Electronics	42													42
Institution Total (Year wise)	***232***						***50***			***10***				***292***
2. Jadavpur University, Faculty of Engineering & Technology, Jadavpur, Kolkata-700032. (State Aided University) Ph : (033) 2473-4044 / 4495 Fax No. : (033) 2473-5508/2413-7121 (Year of Establishment-1955)														
Food Technology & Bio-Technology (B.Tech) Medical Engineering	20										1			21
Instrumentation & Electronics Engineering	20										2			22
Institution Total (Year wise)	***40***										***3***			***43***
Grand Total at B.Tech (Post B.Sc) level	***272***						***50***			***10***	***3***			***335***

B.E./B.E (Post Diploma)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
1 ***Jadavpur University,Faculty of Engineering & Technology, Jadavpur, Kolkata-700032. (State Aided University) Ph : (033) 2473-4044 / 4495; Fax No. : (033) 2473-5508 / 2413-7121 (Year of Establishment-1955)***														
Civil Engineering (P/T)	40										8			48
Electrical Engineering (P/T)	40										2			42
Mechanical Engineering (P/T)	40										3			43
Institution Total (Year wise)	***120***										***13***			***133***
Grand Total at B. E. (Post Diploma) level	***120***										***13***			***133***

Bachelor in Hotel Management	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
1. NSHM School of Hotel Management, Bharati Road, 16th Street, B-Zone, Durgapur-713 205 (Private Institute) (Year of Establishment-2001) Ph. : 0343-2548606/2548607, Fax : 0343-2561045														
Hotel Management								60						60
Institution Total (Year wise)								***60***						***60***
2. DMS Durgapur Hotel Management														
Hotel Management									60					60
Institution Total (Year wise)									***60***					***60***
3. Gurunanak Institute of Hotel Management														
Hotel Management													60	60
Institution Total (Year wise)													***60***	***60***
4. Siliguri Institute of Hotel Management														
Hotel Management													60	60
Institution Total (Year wise)													***60***	***60***
Grand Total at Bachelor in Hotel Management level								***60***	***60***				***120***	***240***

Upto

	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Yearwise Growth of Intake Capacity in B.E./B. Tech. Courses at all levels including Hotel Managements	1739	90	110	340	845	1465	1850	2010	1637	2380	1241	740		15854

N.B. : RE College (NIT) Durgapur with 0 intake is outside the purview of H.E. Department.

4.1.2 FACILITIES IN POST-GRADUATE LEVEL EDUCATION AT M.E./M.TECH. LEVEL IN ENGINEERING AND TECHNOLOGY.

No.	Name of Engineering Technology Colleges / Institute	Subject	Sanctioned Intake	Affiliating University
1)	Jadavpur University, Faculty of Engineering & Technology, Jadavpur, Kolkata-700032. (State Aided University) Ph : (033) 2473-4044 / 4495; Fax No. : (033) 2473-5508 /2413-7121 (Year of Establishment-1995)	**M.ARCH**		
		HOUSING/ URBAN DESIGN (ARCHITECTURE)	8	
		M. E.		
		M.M.D. (Master Degree)	22	
		SOFTWARE ENGINEERING	18	
		POWER	18	
		MECHANICAL	25	
		ILLUMINATION	18	
		COMPUTER SCIENCE	31	
		CIVIL ENGINEERING	25	
		INSTRUMENTATION & ELECTRONICS ENGINEERING	8	
		PRODUCTION ENGINEERING	13	
		AUTOMOBILE ENGINEERING	18	
		INDUSTRIAL METALLURGY	10	
		FOOD TECH. AND BIO-CHEM ENGG.	8	
		COMMUNICATION ENGG./ CONTROL ENGG/ELECTRONIC DEVICES	25	
		ELECTRICAL POWER SYSTEM (M.E.E)/HIGH VOLTAGE ENGG.	25	
		BIO-MEDICAL ENGINEERING	11	
		CONTROL SYSTEM ENGG./ ELECTRICAL MACHINES	15	
		CHEMICAL ENGG./MASTER OF CHEMICAL ENGG.	19	
		WATER RESOURCE AND HYDRAULIC	18	

	M. PHARM/ M.TECH		
	PHARMACEUTICALS & FINE CHEMICAL TECHNOLOGY/ PHARMACEUTICAL ENGG.	25	
	M.TECH		
	VLSI	18	
	ENERGY SCIENCE AND TECHNOLOGY	13	
	NANO SCIENCE & TECHNOLOGY	18	
	COMPUTER TECHNOLOGY (P/T)	33	
	MATERIAL ENGINEERING	18	
	PG-DIPLOMA		
	INFORMATION TECHNOLOGY (Courseware)	18	
	Total :	**478**	
2) Bengal Engineering and Science University, Shibpur P .O.-Botanic Garden, Howrah-711103, Ph: (033)2668-4561/ 62/ 63 Fax : (033)2668-2916/ 4564 (Year of Establishment 1856), (D.U. since 1992)	**M.E.**		
	HIGHWAY AND TRAFFIC ENGINEERING/SOIL MECHANICS AND FOUNDATION	27	
	INDUSTRIAL METALLURGY	15	
	ENVIRONMENTAL ENGINEERING	6	
	ADVANCE MECHANICS AND THEORY OF MACHINES	18	
	FLUID POWER SYSTEM AND CONTROL	18	
	HYDRAULICS ENGINEERING	18	
	MECHANICS OF FLUIDS	18	
	MECHANICS OF SOLIDS	18	
	STRUCTURAL ENGINEERING	13	
	INFORMATION TECHNOLOGY AND COMPUTER ENGG.	16	
	CONTROL SYSTEM ENGG./ ELECTRICAL MACHINES/POWER ELECTRONICS	30	
	DIGITAL SYSTEM AND INSTRUMENTATION/MICROWAVE COMMUNICATION	16	
	HEAT POWER ENGINES/ MACHINE DESIGN/PRODUCTION ENGG.	31	

	PHYSICAL MERALLURGY/PROCESS METALLURGY MINING ENGINEERING GEOTECHNICAL ENGINEERING **M.T.R.P** TOWN AND REGIONAL PLANNING	19 18 13 16	
	Total	**310**	
3) Kalyani Government Engineering College, Kalyani, Nadia Pin-741235 (A State Govt. Institute) Ph : (033) 2582-6680/1309 Fax : (033) 25821309 (Year of Establishment-1995)	**M.TECH** COMPUTER ENGINEERING PRODUCTION ENGINEERING ELECTRONICS & COMMUNICATION ENGG.	 18 18 18	
	Total	**54**	
4) Govt. College of Engineering & Textile Technology, Serampore, Dist. Hooghly Pin-712201 (A State Govt. Institute) Ph : (033) 26623156/1058 Established as an Institute in 1908. B.Sc(Tech) degree introduced in 1957 and B.Tech in 1998	**M.TECH** MECHANICAL PROCESSING OF TEXTILES	 10	
	Total	**10**	
5) Govt. College of Engineering & Leather Technology	LEATHER TECHNOLOGY	25	
	Total	**25**	
6) Govt. College of Engineering & Ceramic Technology	CERAMIC TECHNOLOGY	18	
	Total	**18**	
7) Calcutta University, University College of Science & Technology (A State aided University)	**M.PHARM / M.TECH** PHARMACEUTICALS & FINE CHEMICAL TECHNOLOGY / PHARMACEUTICAL ENGG. **M.TECH** POLYMER SCIENCE AND TECH. OPTICS & OPTOELECTRONICS	 10 18 18	

	BIO-TECHNOLOGY	8	
	COMPUTER ENGINEERING	41	
	ELECTRICAL ENGINEERING.	18	
	RADIO PHYSICS AND ELECTRONICS	40	
	PETROCHEMICALS AND PETROLEUM REFINERY ENGINEERING	10	
	OIL TECHNOLOGY	10	
	PROCESS ENGG / PETROCHEMICALS AND PETROLEUM REFINERY	15	
	ENVIRONMENTAL ENGINEERING AND PLANT SAFETY	8	
	INSTRUMENTATION ENGINEERING	18	
	CHEMICAL ENGG./MASTER OF CHEMICAL ENGG.	25	
	CERAMIC TECHNOLOGY	10	
	M.TECH (EVENING)		
	ELECTRICAL POWER SYSTEM (M.E.E)/HIGH VOLTAGE ENGG.	18	
	Total	**267**	
8) National Power Training Institute, Durgapur-713209	**PG-DIPLOMA**		
	OPERATION & MAINTENANCE OF THERMAL POWER STATION	50	
	Total	**50**	
9) Indian Statistical Institute, 203, Barrackpore Trunk Road Calcutta-700035	**M.TECH**		
	COMPUTER ENGINEERING	25	
	QUALITY, RELIABILITY AND OPERATION RESEARCH	20	
	Total	**45**	
10) National Institute of Technical Teachers Training & Research Block - FC, Sector-III, Salt Lake, Kolkata-700016	**M.E.**		
	MANUFACTURING TECHNOLOGY	18	
	M.TECH		
	MANUFACTURING TECHNOLOGY	18	
	Total	**36**	
	Grand Total	**1293**	

4.1.3 MASTER OF COMPUTER APPLICATION (MCA) PROGRAMME :

Institutionwise intake for MCA programme is given in the following table :

LIST OF A.I.C.T.E. APPROVED INSTITUTES AND UNIVERSITY FACULTIES / DEPARTMENTS OFFERING MCA

MCA	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
1. Bengal College of Engineering & Technology Sahid Sukumar Banerjee Sarani, Durgapur-713212 (Private Institute) (Year of Establishment-2001) Ph: 0343-2533186, Fax : 0343-2536756														
Master of Computer Application											60		60	60
Institution Total (Year wise)											***60***		***60***	***60***
2. Management Institute of Durgapur, Rajbandh, G.T. Road, Near IOC, Durgapur-713213														
Master of Computer Application											60	-15	60	60
Institution Total (Year wise)											***60***	***-15***	***60***	***60***
3. Bengal Engineering and Science University, P.O. Botanic Garden, Howrah-711103 Ph : (033) 2668-4561/62/63 Fax : (033) 2668-2961/4564 (Year of Establishment-1856) (D.U. since 1992)														
Master of Computer Application	30											30	30	60
Institution Total (Year wise)	***30***											***30***	***30***	***60***
4. Calcutta University, University College of Science & Technology (A State aided University)														
Master of Computer Application							40						40	40
Institution Total (Year wise)							***40***						***40***	***40***
5. Jadavpur University, Faculty of Engineering & Technology, Jadavpur, Kolkata-700032. (State Aided University) Ph : (033) 2473-4044 / 4495; Fax No. : (033) 2473-5508 / 2413-7121 (Year of Establishment-1955)														
Master of Computer Application	40												40	40
Institution Total (Year wise)	***40***												***40***	***40***
6. University of North Bengal, Darjeeling - 734 430.														
Master of Computer Application	30												30	30
Institution Total (Year wise)	***30***												***30***	***30***

MCA	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
7. Vidyasagar University, P.O.: Vidyasagar University, Midnapore - 721 102.														
Master of Computer Application							40						40	40
Institution Total (Year wise)							***40***						***40***	***40***
8. Kalyani Government Engineering College, Kalyani, Nadia Pin-741235 (A State Govt. Institute) Ph: (033) 2582-6680/1039, Fax : (033) 2582-1309 (Year of Establishment-1995)														
Master of Computer Application								30	10				40	40
Institution Total (Year wise)								***30***	***10***				***40***	***40***
9. Haldia Institute of Technology, ICARE Complex, HIT Campus, P.O.: Hatiberia, Haldia, Dist.: Purba Midnapore, Pin.-721657 (Private Institute) Ph : (03224) 52800, Fax: (03224) 52900 (Year of Establishment-1996)														
Master of Computer Application									60				60	60
Institution Total (Year wise)									***60***				***60***	***60***
10.Asansol Engineering College, Sen Raleigh Road, Kanyapur, Asansol-713304 (Private Institute) Ph. : (0341) 251426/ 252108, Fax : (0341) 2253056/2254248 (Year of Establishment-1998)														
Master of Computer Application								60					60	60
Institution Total (Year wise)								***60***					***60***	***60***
11. Netaji Subhas Engineering College, Techno City, Panchpota Police Para, P.O Panchpota, Dist.24 Parganas (S), Ph: (033) 2436/3333/1285, Fax : (033) 2436-1286, (Private Institute) (Year of Establishment-1998)														
Master of Computer Application								60	-15	15			45	60
Institution Total (Year wise)								***60***	***-15***	***15***			***45***	***60***
12.Univeristy Science Instrumentation Centre Kalyani University, Kalyani, Nadia, Pin- 741235, (Govt. aided Institute) Ph: (033) 2582-6680 / 1039 Fax : (033) 2582-6680 (Year of Establishment-1999)														
Master of Computer Application							30						30	30
Institution Total (Year wise)							***30***						***30***	***30***
13. B.P. Poddar Institute of Management & Technology, 137, V.I.P. Road (Mondal Ghanti), Kolkata-700052, (Private Institute) Ph : (033) 25739607/9608/9609/9610, Fax : 033-2573-9401 (Year of Extablishment-1999)														
Master of Computer Application	30									40			40	40
Institution Total (Year wise)	***30***									***40***			***40***	***40***

MCA	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
14.RCC Institute of Information Technology, Canal South Road, Beleghata, Kolkata- 700015 (A Govt. aided Institute) Ph: (033) 2216-1463/1400, Fax : (033) 2323-8003 (Year of Establishment - 1999)														
Master of Computer Application							60		-15		15		60	60
Institution Total (Year wise)							***60***		***-15***		***15***		***60***	***60***
15.Siliguri Institute of Technology, Techno Campus, Salbari, Hill Cart Road, Pin : 734225, Siliguri, Darjeeling, (A Private Institute), Ph: (0353) 2574074, 2574075 , Fax : 0353-25740756 (Year of Establishment-1999)														
Master of Computer Application								30	30				60	60
Institution Total (Year wise)								***30***	***30***				***60***	***60***
16.Bengal Institute of Technology, Tech. Town, P.O.Bamonghata, On Basanti Highway, Kolkata Pin - 700 039. (Private Institute), Ph.: 033-2345-8001/02/03, Fax: 033-2345-8005 (Year of Establishment-2000)														
Master of Computer Application								60					60	60
Institution Total (Year wise)								***60***					***60***	***60***
17. JIS College of Engineering, Block-A, Phase-III, Kalyani, Nadia-741235 (Private Institute) Ph. (033) 2582-2154/ 2582-2137, 2138, (Year of Establishment-2000)														
Master of Computer Application							40	20				-5	60	60
Institution Total (Year wise)							***40***	***20***				***-5***	***60***	***60***
18. University Institute of Technology, Burdwan University, P.O. Rajbati, Dist.Burdwan, Pin-713104 (A Govt. aided Institute), Ph.(0342) 2557-800/2561-016, Fax.-0342-2564452 (Year of Establishment-2000)														
Master of Computer Application							20					10	30	30
Institution Total (Year wise)							***20***					***10***	***30***	***30***
19.Dr. B. C. Roy Engineering College, Durgapur, Jemua Road, Fujihore, Durgapur-713206 (Private Institute)														
Master of Computer Application												60	60	60
Institution Total (Year wise)												***60***	***60***	***60***
20. Pailan College of Management & Tech., Pailan Park Housing Project, Phase-1, Amgachia Road, Off Diamond Harbour Road, P.O. Pailan, W. B. (Private Institute)														
Master of Computer Application									60					60
Institution Total (Year wise)									***60***					***60***

MCA	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
21. Narula Institute of Technology, 81, Nilgunj Road, Agarpara, Kolkata-700056 (Private Institute) (Year of Establishment-2001) Ph : 033-2563-7777/8880, 2583-7029														
Master of Computer Application										60		-30	60	60
Institution Total (Year wise)										***60***		***-30***	***60***	***60***
22.Techno India, Plot No. EM-4/1, Salt Lake Electronic Complex, Sector - V, Kolkata - 700091 (Private Institute) (Year of Establishment-2001) Ph: 033-2357-5683/84/85, Fax: 033-2357-5686														
Master of Computer Application									60				60	60
Institution Total (Year wise)									***60***				***60***	***60***
23. Academy of Technology, G. T. Road, P.O. AEDCO Nagar, Dist. - Hooghly (Private Institute)														
Master of Computer Application											60			60
Institution Total (Year wise)											***60***			***60***
24. Heritage Institute of Technology, Kolkata (Private Institute)														
Master of Computer Application										60				60
Institution Total (Year wise)										***60***				***60***
25. Siksha Bhavana, Institute of Science, Visva Bharati (Private Institute)														
Master of Computer Application									15				15	15
Institution Total (Year wise)									***15***				***15***	***15***
26. Techno India, Hooghly, Dharampur														
Master of Computer Application													60	60
Institution Total (Year wise)													***60***	***60***
27. Techno India College of Technology, Mega City, New Town, Kolkata														
Master of Computer Application													60	60
Institution Total (Year wise)													***60***	***60***
28. Calcutta Intitute of Technology, Uluberia, Howrah														
Master of Computer Application													60	60
Institution Total (Year wise)													***60***	***60***
Grand Total														***1390***

PROPOSED DEVELOPMENT IN ENGINEERING & TECHNOLOGY EDUCATION

1. The State Govt. in the Higher Education Department will issue No Objection Certificates for establishment of a new private engineering & technology colleges selectively for the courses in emerging areas only.

2. Introduction of postgraduate courses in the College of Leather Technology, Kolkata, the College of Ceramic Technology, Kolkata and also in a few well performing private engineering colleges are under consideration.

3. Further development of infrastructural facilities at all the Govt. Engineering & Technology Colleges of the State.

4. The efforts for the development of infrastructural facility for the aided Engineering Institutes would be further supplemented.

5. Action-oriented drive for filling up the vacant posts of faculties & technical supporting staff would be expedited.

6. Qualitative improvement of higher technical education concentrating on consolidation of the gains rather than going on further expansion.

4.2 MANAGEMENT EDUCATION

Indian Institute of Social Welfare and Business Management is the oldest Management Institute not only in West Bengal but also in whole of India, offering MBA (CU) and a few other specialized Management Programmes. Subsequently, Management Programme (PG) was introduced in Central Govt. funded Institutions, in a few state universities and also in a good number of private self financing institutes.

Presently, full time (2 yr. post graduate Management Programme) MBA/PGDBM is imparted in Central Govt. funded institutions like, IIM, Kolkata; IIT , Kharagpur; NIT, Durgapur and Visva Bharati, Santiniketan.

Full time MBA Programme is also imparted within the purview of the Department of Higher Education, West Bengal in the following catagory of institutes.

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

Category of Institutions	No. of Institutions
1. University / University Deptt.	6
2. Engineering Colleges with Management Deptt.	13
3. Exclusive Management Institutes	10
Grand Total	**29**

4.2.1 INTAKE CAPACITY OF POST GRADUATE MANAGEMENT COURSES IN DIFFERENT STATE APPROVED INSTITUTES FOR THE ACADEMIC SESSION OF 2006-2007.

Sl. No.	Name and Address of the Institutes	Courses Offered	Year of Intro-duction of the course	Intake Capa-city of 2006-2007	Dura-ration	Remarks (University affiliation)
1.	Indian Institute of Social Welfare & Business Management, College Square (West), Kolkata –700073 Establishment : 1953. Ph. : 2241- 8694 / 8695 Fax : 2241-3975 Email : iiswbm@liswbm.edn Website: www.iiswbm.edn	**DTM** Diploma in Tourism Management (In association with Inst. of Tourism & Travel Mgt., Gwalior Under the Ministry of Tourism & Culture, Govt. of India)	1953	30	1 yr	Calcutta University for all courses
		MBA		60	3 yrs.	
		MBA (Evening) (PT)		90	2 yrs.	
		MHRM		30	2 yrs.	

		PGDBM Post Graduate Diploma Programme in Business Management (Evening) PT		120	3 yrs.	
		PGDHRM Post Graduate Diploma Programme in Human Resource Management (PGDHRM - Evening)		30	3 yrs.	
		Environment Management		30		
		Health Care & Hospital Management		30		
		Energy Management		30		
		Transport & Logistics Management		30		
		SIMP		20	6 yrs.	
2.	Institute of Business Management & Research, (1976) 6/1, Swinhoe Street, Kolkata-700019 Ph. : 2440-6755/7719 Fax : 2841-0729 E-mail : ibmr@vsnl.com	**MBA**	1976		2 yrs.	WBUT
		MBA (PT)		30	3 yrs.	
		MBA (FT)		60	2 yrs.	
3.	Institute of Business Management, (National Council of Education, Bengal), Jadavpur University Campus, Kolkata - 700032 ESTT.-1984 Ph. : (STD:033) 2473-5810 E-Mail : ibmnce@cal3.vsnl.net.in	**MBA**	1985			J.U.
		MBA (FT)		60	2 yrs.	
		MBA (PT)		60	3 yrs.	

4.	National Institute of Personnel Management. 45, Fazlul Haque Sarani (Formerly Jhowtala Road), 1st Floor, Kolkata - 700 019. Estt. – 1980 Ph. : 2247-5650/2280-1759 Fax: 2240-8176 E-Mail: nim@cal2.vsnl.net.in	**PGDPM** Postgraduate Diploma in Personnel Management (Distance mode)	1978	100	3 yrs.	J. U.
5.	Institute of Engineering and Management, Salt Lake Electronics Complex, Salt Lake, Kolkata - 700 091. Ph. : (Std:033) 2357-2059	**MBA** MBA (FT)	1998	90	2 yrs.	W.B.U.T.
6.	Institute of Management Science, Bharatiya Vidya Bhavan, Block-FA, Sector-III, Salt Lake, Kolkata - 700 091. Ph. : (Std:033) 2335-8754/ 0152, Fax : 2335-1250 E-Mail: bimscal@vsnl.net Website: www.bimscal.org	**MBA** MBA (FT)	1998	60	2 yrs.	W.B.U.T.
7.	Department of Business Administration, University of Burdwan, Rajbati, Burdwan-713104 Ph. : 0342-62266/624439 Ext. 412 Fax : 91-0342-530452	**MBA** MBA (FT) MBA (Tourism) MBA (Human Resource-FT)	1984	30 25 30	2 yrs.	B.U.
8.	Department of Business Management, University of Calcutta, Khudiram Bose Sarani, Alipore Campus, 1,Reformatory Street, Kolkata -700 027 Ph. : (Std:033) 2479-1645/2861 E-Mail : cumbm@cal3.vsnl.net.in	**MBA** MBA (FT)	1985-86	30	2 yrs.	C.U.

9.	School of Management Sciences, Bengal Engineering & Science University, P.O. Botanical Garden, Howrah – 711103 Ph. : 2668-4561/4562/4563	**MBA** MBA (FT)	1985-86	60	2 yrs.	B.E.S.U.
10.	Army Institute of Management, Command Hospital Complex, Bldg. No.117, Alipore, Kolkata-700027 Ph. : 2439-8335/37/38	**MBA** MBA (FT)	1997	120	2 yrs.	W.B.U.T.
11.	Indian Centre for Advancement of Research & Education (Haldia Institute of Technology) P.O.Debhog, City Centre, Midnapur, Pin -721657 Ph. : (03224) 252-900 Fax : 03224-252-800 F-Mail : kgp-hit-23@sancharnet.in	**MBA** MBA (FT)	1997	60	2 yrs.	C.U.
12.	JIS College of Engineering Block A, Phase-III, Kalyani, Nadia-741235 Ph. : 2580-8640/2582-2165 Fax : 2582-2138	**MBA** MBA (FT)	2001	60	2 yrs.	W.B.U.T.
13.	Pailan College of Management & Tech., Pailan Park, Housing Project, Phase-I, Amgachia Road, P.O. Pailan, W.B. Estt. – 2002. Ph. : 2497-8006/8007 Fax : 2453-5605	**MBA** MBA (FT)	2002	60	2 yrs.	W.B.U.T.
14.	Meghnad Saha Institute of Technology & Management Kolkata-700039 Ph. 2443-1031	**MBA** MBA (FT)	2001	60	2 yrs.	W.B.U.T.

15.	Department of Business Administration, Kalyani University, Kalyani, Nadia Estt : 1964 Ph. : 2582-8378/8286 Fax : 2582-8282	**MBA** MBA (FT)	2001	 60	2 yrs.	K.U.
16.	Department of Business Administration, North Bengal University	**MBA** MBA (FT)	2001	 40	2 yrs.	N.B.U.
17.	Techno India Plot No.EM-4/1, Salt Lake Electronic Complex, Sector-V, Kolkata-700 091 Ph. : 033-2357-5683/84/85	**MBA** MBA (FT)	2001	 60	2 yrs.	W.B.U.T.
18.	Heritage Institute of Technology Chowdhaga Road, Anandapur P.O. East Kolkata Township, Kolkata-700 017	**MBA** MBA (FT) MBA (PT)	2001	 90 60	2 yrs. 3 yrs.	W.B.U.T.
19.	Bengal College of Engineering and Technology Shahid Sukumar Banerjee Sarani, Durgapur-713213 Ph. : 0343-2533186	**MBA** MBA (FT)	2003	 60	2 yrs.	W.B.U.T.
20.	Management Institute of Durgapur, Rajbandh, G.T. Road Near IOC, Durgapur-713213	**MBA** MBA (FT) MBA (PT)	2001	 60 60	2 yrs. 3 yrs.	W.B.U.T.
21.	Narula Institute of Technology 81, Nilgunj Road, Agarpara, Kolkata-700056 Ph. : 033-2563-7777/8880, 2583-7029	**MBA** MBA (FT)	2001	 60	2 yrs.	W.B.U.T.

22.	Bengal Institute of Technology & Management, Sriniketan By Pass, P.O. Doranda, Shantiniketan-731236, Birbhum, West Bengal	**MBA** MBA (FT) MBA (PT)	2002	60	2 yrs.	W.B.U.T.
23.	Future Institute of Engineering & Management, Kolkata, R.K.Mission Pally, Kolkata-700 150 Ph. : 2434-5640/5615 Fax : 2434-5641	**MBA** MBA (FT)	2002	60	2 yrs.	W.B.U.T.
24.	Dr. B.C. Roy Engineering College, Durgapur, Jemua Road, Fuljhore, Durgapur-713206 Ph. : (0343) 2502449 Fax : 0343-2545718	**MBA** MBA (FT)	2000	60	2 yrs.	W.B.U.T.
25.	Siliguri Institute of Technology, Techno Campus, Salbari Hill Cart Road, Pin-734225, Siliguri, Darjeeling (Private Institute) Ph. : (0353) 2574074, 2574075 Fax : 0353-2574076	**MBA** MBA (FT)	1999	60	2 rys.	W.B.U.T.
26.	International Institute of Management Sciences (2004) Industrial Growth Centre, Bombay Road, Howrah, W.B.	**MBA** MBA (FT)	2004	60	2 yrs.	W.B.U.T.
27.	George College of Management Science, Budge Budge Trunk Road, Maheshtala, Mollargate, Kolkata-700 141	**MBA** MBA (FT)	2004	60	2 yrs.	W.B.U.T.
28.	Eastern Institute of Management 6, Waterloo Street Kolkata-700 069 Ph. : 2210-0911/0912/0913 Fax : 2210-0909 E-mail : eiilm@vsnl.com	**MBA** MBA (FT)	1995	60	2 yrs.	K.U. (off-campus)

29.	Netaji Subhas Open University 1, Woodburn Park, Kolkata-700 020 Ph. : 2287-0157 Fax : (033) 2287-1082	**MBA** MBA (Distance Mode)		60	2 yrs.	
		Grand Total		**2525**		

CHAPTER – 5

UNIVERSITIES

5.1 General Information

5.2 Calcutta University

5.3 Jadavpur University

5.4 Rabindra Bharati University

5.5 Burdwan University

5.6 Kalyani University

5.7 North Bengal University

5.8 Vidyasagar University

5.9 Netaji Subhas Open University

5.10 West Bengal University of Technology

5.11 Bengal Engineering & Science University

5.12 U.G.C. Recommendations for the 10th Plan

CHAPTER – 5

UNIVERSITIES

5.1 GENERAL INFORMATION :

Out of Fifteen State aided universities in West Bengal, ten universities come under the administrative jurisdiction of the Department of Higher Education. A list of the universities is given below. The Department has in recent years, set up two universities. The Netaji Subhas Open University was established in 1997 for the education of the distant learners. The West Bengal University of Technology was set up in 2000 to improve the quality of instruction and research in Engineering and Technology and Management. B.E. College (DU) has been upgraded to Bengal Engineering & Science University by virtue of Bengal Engineering & Science University Act, 2004.

The Bidhan Chandra Krishi Viswavidyalaya (BCKV) and Uttarbanga Krishi Viswa Vidyalaya come under the jurisdiction of the Department of Agriculture. A university for the study of animal sciences and fisheries was created out of the BCKV in 1995 by the Department of Animal Resource Development. A new agricultural university, Uttar Banga Krishi Viswavidyalaya was also carved out of the BCKV in 2001. The West Bengal National University for Juridical Sciences under the jurisdiction of the Department of Law started functioning in 2000. Recent addition to the universities in the State is The West Bengal University of Health Sciences which started functioning from 1st January, 2003.

In 2005, Ramkrishna Mission Vivekananda Education and Research Institute, (RKMVERI) the first private self financing "Deemed University" has been established at Belurmath, Howrah.

5.1.1 NAME OF THE STATE AIDED UNIVERSITIES WITH THEIR TERRITORIAL JURISDICTION IN THE STATE OF WEST BENGAL.

UNIVERSITIES UNDER THE JURISDICTION OF THE DEPARTMENT OF HIGHER EDUCATION

Name of The University	Date of Establishment	Address	Territorial Jurisdiction
1. University of Calcutta	24 January, 1857	College Street, Senate House, Calcutta-700073; Phone : 2241-0071, 2241-4984 Fax : 2241-3222 Website : www.caluniv.ac.in Email : registrar@cuccernet.in	The whole of the West Bengal excluding the area of jurisdiction of other Universities established by law within West Bengal. The jurisdiction of the Calcutta University extends to the districts of Howrah, North & South

			24 Parganas (excluding Bijpur P.S of North 24-Parganas) and the Calcutta district, excluding some colleges (See the list of the colleges in the appendix) and Serampore subdivision of the district of Hooghly.
2. Jadavpur University	24 December, 1955	Jadavpur, Calcutta –700032; Phone : 2414-6666, 6194, 6643 Fax : (91)-033-2414-6414 Website : www.jadavpur.edu Email : registrar@jdvu.ac.in	A radius of two miles from the university office at Jadavpur.
3. University of Burdwan	15 June 1960	Rajbati, Burdwan, Dist. – Burdwan. Pin – 713104 Phone : +91-0342-2533913 Fax : +95-0342-253-0452 Website : www.burd.univ.ac.in Email : vcbu@satyam.net.in rgbu@sity.com	Districts of Burdwan, Bankura, Birbhum, Purulia and Hooghly (excluding Serampore subdivision)
4. University of Kalyani	1 November, 1960	Kalyani, District-Nadia, Pin – 741235 Phone : (033) 2582-8690 Fax : (033) 2582-8282 Website : http:/klyuniv.ac.in Email : alokbanerjee2002@yahoo.com	Districts of Nadia, Murshidabad and Bijpur Police Station of North 24 Parganas.
5. Rabindra Bharati University	8 May, 1962	56A, B.T. Road, Calcutta –700050 Phone : 2556-2543 Fax : 2556-8079 Website : www.rabindrabharatiuniversity.net Email : reg@cal3.vsnl.net.in.	All Institutions in the State teaching dance, drama, music and visual arts (except the Government College of Art & Craft).
6. University of North Bengal	1 July, 1962	Raja Rammohanpur, P.O. – North Bengal University, Dist. Darjeeling, Pin- 734430.	District of Cooch Behar, Darjeeling, Jalpaiguri, Malda, North Dinajpur and South Dinajpur.

		Phone : (0353)-2582-099 Fax : (0353) 2581212 Website : http://www.nbu.ac.in Email : regnbu@sanchar.net.in	
7. Vidyasagar University	29 September 1981	P.O. – Vidyasagar University, Dist – Midnapur, Pin- 721102. Phone:(953222)262-009,262-297 Fax : (953222)262329,557-1611 Website : www.vidyasagar.ac.in Email : HYPERLINK mail to : vidya@dte.vsnl.net.in	East and West Midnapur
8. Netaji Subhas Open University	20 August 1997	1,Woodburn Park, Kolkata-700 020 Ph. : 2287-0157 Fax : (033)-2287-1082 Website :www.wbnsou.com./org. Email : nsou@cal2.vsnl.net.in	The whole of West Bengal
9. West Bengal University of Technology	7 August 2000	BF-142, Salt Lake, Kolkata –700 064 Ph. : 2321-1327 Fax : 2321-7578 Website : www.wbut.net.	The whole of West Bengal
10. Bengal Engineering and Science University	1856 as a Govt. college; Deemed University Status in 1992; University status in 2004	P.O. – Botanic Garden, Shibpur, Howrah – 711 103 West Bengal Ph : 2668-0521 to 0532, 2668-4561/4562/4563/2668-1503 Fax : 2668-4564/2916 Website : www.becs.ac.in Email : vc@becs.ac.in	The whole of West Bengal

UNIVERSITIES UNDER THE JURISDICTION OF OTHER DEPARTMENTS OF THE STATE GOVT.			
1. Bidhan Chandra Krishi Viswavidyalaya	1 September, 1974	P.O. Krishi Viswavidyalaya, Mohanpur, Nadia, Pin-741252. Ph : (033) 2585-8163 Fax : (034730)-222275	The whole of West Bengal.
2. University of Animal and Fishery Sciences	2 January, 1995	37 & 68, Khudiram Bose Sarani, Belgachia, Kolkata – 700 037. Ph : 2556-3396, 2556-5021 Fax : 091-033-2557-1986	The whole of West Bengal.
3. W.B.National University of Juridical Sciences	22 April, 2000	NUJS Bhaban, 12 LB Block, Sector-III, Salt Lake, Eastern Bypass, Kolkata -700 091 Ph : 2335-0534/7379 Fax : 033-2335-7422 Website : www.nujs.edu Email : nujs@cal3.vsnl.net.in	The whole of West Bengal
4. Uttar Banga Krishi Viswavidyalaya	1 February, 2001	P.O.-Pundibari, Dist-Cooch Behar Ph : 03582-270141/249 Website : www.uttarbanga.net/ubkv.htm Email : mondal@rediftmail.com	Malda, South Dinajpur, North Dinajpur, Darjeeling, Jalpaiguri, Cooch Behar
5. West Bengal University of Health Science	2 December, 2002	DD-36, Sector –1, Salt Lake, Kolkata-700 064 Ph : 2321-5388 Fax : 23215389 Website : www.wbhus.org/data Email : vc@wbuhs.org	The whole of West Bengal
6. Ramkrishna Mission Vivekananda Education and Research Institute **(RKMVERI)** (Deemed University under UGC Act)	2005	P.O. Belur Math, Dt. Howrah, Pin-711202 Telefax : 033-26549999 E-mail : rkmveri@gmail.com atmapriyananda@gmail.com	The whole of West Bengal

5.1.2 FINANCIAL GRANTS RELEASED TO THE STATE-AIDED UNIVERSITIES, B. E. COLLEGE (D.U.) AND W.B. STATE COUNCIL OF HIGHER EDUCATION FROM HIGHER EDUCATION DEPARTMENT DURING 2006-2007

(Rs in lakhs)

Sl. No.	Name of the Universities	Salary grants released (NON-PLAN)	Other grants released (NON-PLAN)	Grants released under other heads of account (NON PLAN)	Total grants released (NON-PLAN)	Salary grants released (PLAN HEAD)	Other grants released (PLAN HEAD)	Grant released for Con-structi-on (PLAN HEAD)	Grants released for Books, Journals (PLAN HEAD)	Total Grants released (STATE PLAN)
(1)	(2)	(3)	(4)	(5)	(6) [(3)+(4)+(5)]	(7)	(8)	(9)	(10)	(11)
1.	Calcutta	8790.06	857.37	63.46	**9410.89**	-	-	77.22	30.00	**104.22**
2.	Jadavpur	6130.79	658.72	34.49	**6824.10**	-	-	39.85	30.00	**69.85**
3.	Kalyani	2207.55	399.28	36.22	**2643.05**	-	-	88.09	4.00	**92.09**
4.	Burdwan	3175.70	319.30	71.67	**3566.67**	-	-	33.47	15.00	**48.47**
5.	North Bengal	2235.29	396.55	25.75	**2657.59**	-	-	65.80	-	**65.80**
6.	Rabindra Bharati	1134.86	102.51	03.89	**1241.26**	-	-	-	-	**-**
7.	Vidyasagar	510.08	46.49	02.49	**559.06**	-	-	-	6.00	**6.00**
8.	B.E. & Sc. University	903.69	80.42	107.24	**1091.35**	-	210.00	-	-	**210.00**
9.	Netaji Subhas Open University	-	-	-	-	54.00	24.00	15.00	-	**78.00**
10.	W.B. State Council of Higher Education	-	2.40	-	**2.40**	17.68	2.40	-	-	**20.08**
11.	W.B. University of Technology	-	-	-	-	144.30	200.00	-	10.00	**354.30**

5.1.3 ACADEMIC STRUCTURE

Academic activities of the universities are carried out through various departments under different Faculty Councils. The Deans of these Councils advise on academic matters and co-ordinate the departmental programmes. For the planning and implementation of the academic programmes of the departments, there is a departmental committee in each of them. The Head of the Department is the Chairman of the said committee. The Board of Studies under each Faculty Council plans and reviews the syllabus and assists the examination process.

5.2 CALCUTTA UNIVERSITY (1857)

The Calcutta University along with the Bombay University and the Madras University was established in 1857. The university is now being governed by the Calcutta University Act, 1979 which came into force on February 10, 1983.

The Calcutta University affiliates colleges mostly at the under-graduate level and also offers courses directly at the post-graduate level. The number of colleges affiliated by the University is 204. The university has allowed a few of its affiliated colleges including the Presidency College, the Maulana Azad College and the Dinabandhu Andrews College to teach at the post-graduate level.

The Calcutta University has four campuses, namely,

- ASHUTOSH SHIKSHYA PRANGAN at 87/1, College Street,
- RASHBEHARI SHIKSHYA PRANGAN at Rajabazar,
- TARAKNATH SHIKSHYA PRANGAN at 35, Ballygunge Circular Road, and
- SAHID KHUDIRAM SHIKSHYA PRANGAN at Alipore.

It has 58 departments and offers 80 courses to nearly 12,000 post-graduate students.

The university monitors and awards Ph. D. degrees to research scholars. On an average, the Ph.D. degree is awarded to 175 students each year. According to a **NISSAT** report, in terms of output and impact, the university is among the first ten universities of the country in research on science and technology. The **UGC** has awarded **CAS/DSA/DRS/COSIST** programmes to more than fifteen departments of the university on the basis of research performance.

The four major campuses of the university have leased line access to the **VSNL** server. Through optical fibre network different departments and faculty members get access to E-mail and Internet facilities by router system. The central library is automated by using **SOUL** developed by **IFILIBNET**.

The university has created the B.C. Guha Center for Genetic Engineering and Biotechnology and the S.N. Pradhan Institute of Neuroscience with financial assistance from NRIs and eminent individuals.

The State Government and the Government of India have also extended financial assistance to the B.C. Guha Centre.

The National Assessment and Accreditation Council (NAAC) visited the university and awarded a five star status to it in May 2001. The University has also been declared by UGC as the "University with potential for excellence".

5.2.1 VARIOUS DEPARTMENTS OF THE UNIVERSITY AS LOCATED IN DIFFERENT CAMPUSES ARE INDICATED BELOW :

(a) ASHUTOSH SHIKSHYA PRANGAN, College Street, Ph. 2241-0071 (6 lines)
Teaching Departments :
Arabic & Persian, Bengali Language & Literature, Commerce, English, French, Hindi, Library & Information Science, Linguistics, Languages (Foreign), Pali, Urdu, Sanskrit, Journalism & Mass Communication.

(b) RASHBEHARI SHIKSHYA PRANGAN, 92, A. P. C. Road, (Rajabazar) Ph. 2350-8386/6387
Teaching Departments :
Chemistry, Applied Mathematics, Applied Physics, Applied Psychology, Bio-Physics, Molecular Biology & Genetic, Centre for Atmospheric Science, Chemical Engineering, Chemical Technology, Chemistry, Computer Science & Engineering, Electronic Science, Physiology, Radio Physics & Electronics, Polymer Science & Technology, Psychology.

(c) TARAKNATH SHIKSHYA PRANGAN, 35, Ballygunge Circular Road, Kolkata-19
Ph. 2475-3680-82/4681
Teaching Departments :
Agriculture, Anthropology, Bio-chemistry (Including Bio-Technology & Environmental Science), Botany, Geography, Geology, Marine Science, Pure Mathematics, Statistics, Zoology.

(d) HAZRA ROAD CAMPUS, 51/1 and 51/2 Hazra Road, Kolkata-19, Ph. 2475-5801
Teaching Departments : Law.

(e) SAHID KHUDIRAM SHIKSHYA PRANGAN, 1, Reformatory Street, Alipore, Kolkata-27
Ph. 2479-1645/2861
Teaching Departments :
Education, Philosophy, Political Science, Sociology, History, Islamic History & Culture, Ancient Indian History & Culture, Museology, Business Management, Archaeology.

(f) B. T. ROAD CAMPUS, 56A B.T. Road, Calcutta-50, Ph. 2557-5082
Teaching Department : Economics.

(g) COLLEGE OF MEDICINE CAMPUS, 244, A.J.C. Bose Road, Cal-20 Ph. 2248-2041/2084
Teaching Department : S. N. Pradhan Centre for Neuroscience.

(h) JUDGES COURT ROAD CAMPUS, Judges Court Road, Alipore, Ph. 2479-5594
Teaching Department : Department of Home Science.

5.2.2 FACULTIES & DEPARTMENTS

A list of FACULTY COUNCILS for Post Graduate Studies of the University together with the University Departments attached thereto are given below :

(i) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN ARTS
Departments of Ancient Indian History & Culture, Arabic & Persian, Archaeology, Bengali Language and Literature, Economics, English, French, Hindi, History, Islamic History & Culture, Linguistics, Museology, Pali, Philosophy, Political Science, Sanskrit, Sociology and Tamil.

(ii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN COMMERCE, SOCIAL WELFARE & BUSINESS MANAGEMENT
Departments of Business Management, Commerce.

(iii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN LAW
Department of Law.

(iv) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN EDUCATION, JOURNALISM AND LIBRARY SCIENCE
Departments of Education, Journalism & Mass Communication, Library & Information Science.

(v) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN FINE ARTS, MUSIC AND HOME SCIENCE
Departments of Home Science.

(vi) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN ENGINEERING AND TECHNOLOGY
Departments of Applied Physics, Chemical Technology, Chemical Engineering, Computer Science and Engineering, Polymer Science and Technology, Radio Physics & Electronics.

(vii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN SCIENCE
Departments of Anthropology, Applied Mathematics, Applied Psychology, Bio-Chemistry, Bio-Physics, Botany, Chemistry, Geography, Geology, Marine Science, Molecular Biology & Genetics, Physics, Physiology, Pure Mathematics, Statistics, Zoology, Electronic Science, Psychology.

(viii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN AGRICULTURE SCIENCE & VETERINARY SCIENCE

Department of Agricultural Chemistry, Agronomy, Horticulture, Genetics and Plant Breeding, Plant Physiology, Seed Science and Technology.

5.2.3 COUNCIL FOR UNDERGRADUATE STUDIES

(i) Council for Under-Graduate Studies in Arts, Science, Commerce, Home Science, Fine Arts and Music.

(ii) Council for Under-Graduate Studies in Medicine, Dental Science, Homoeopathy, Veterinary Science, Nursing and Ayurved.

(iii) Council for Under-Graduate Studies in Engineering and Technology.

5.2.4 The following departments of the University have been recognised by the UGC as Centres of Advanced Study (CAS) in the Thrust Areas :

Departments of Botany, Chemistry, Radio Physics & Electronics.

5.2.5 The following departments of the University have been selected as Departments for Special Assistance (DSA) by the U. G. C. :

Departments of Bio-Physics, Physics, Applied Mathematics, Anthropology, Bio-Chemistry, History, Journalism and Mass Communication, Commerce.

5.2.6 The following departments of the University have been recognised by the UGC as DSA :

Departments of Statistics, Geology, Business Management, English.

5.2.7 Grants under the COSIST Scheme of the U. G. C. have been sanctioned in favour of the following Departments of the University :

Departments of Bio-Physics, Applied Mathematics.

In addition to the courses of various departments mentioned above, a number of courses are offered by other constituent Colleges/Institutions of this University as given below :

5.2.8 Name of the courses taught by the University directly: (Starting from PG level courses or above and ending with Diploma and / or UG level courses; including Technical courses, if any.

Sl. No.	Department	Subject offered	Course with Intake Capacity	Selection Criteria In order of Merit
A.	**Faculty Council for P.G. Studies in Engineering and Technology**			
1.	Chemical Engineering	Chemical Engineering	B. Tech. - 40 M. Tech. - 25	"
2.	Chemical Technology	Ceramic Engineering Oil Technology Petrochemicals and Petroleum Refinery Engineering Pharmaceutical Technology	B.Tech. - 40 M. Tech. - 40	"
3.	Computer Science and Engineering	Computer Science and Engineering Computer and Information Sc.	B.Tech. - 40 M. Tech.- 40 M. Sc. - 30	"
4.	Radio Physics & Electronics	Radio Physics & Electronics Information Technology	B. Tech. - 42 M. Tech.- 40 B. Tech. - 20	"
5.	Polymer Science and Technology	Polymer Science and Technology	B. Tech. - 30 M.Tech. - 18	"
6.	Applied Physics	Electrical Engineering Instrumentation Engineering Optics and Optoelectronics	B.Tech. - 20 M.Tech. - 18 B.Tech. - 20 M.Tech. - 18 B.Tech. - 15 M.Tech. - 18	"
7.	Atmospheric Science	Atmospheric Science	M. Tech. - 15	
8.	Computer Centre	Master of Computer Application	MCA - 40	"
B.	**Faculty Council for P.G. Studies in Science**			
1.	Physiology (Sc.)	Physiology (Sc.)	M.Sc. - 39	"
2.	Anthropology	Anthropology	M.Sc. - 28	"
		Human Rights	M.A. - 15	

3.	Applied Math	Applied Math	M.Sc. - 44	"
4.	Psychology	Psychology	M. Sc. - 34	"
5.	Pure Math.	Pure Math	M. Sc. - 70 (M.Phil)	"
6.	Physics	Pure Physics	M.Sc. - 70	"
7.	Applied Psychology	Applied Psychology	M.Sc. - 34	"
8.	Statistics	Statistics	M.Sc. - 35	"
9.	Chemistry	Pure Chemistry	M.Sc. - 70	"
10.	Botany	Botany	M.Sc. - 50	"
11.	Zoology	Zoology	M.Sc. - 70	"
12.	Marine Science	Marine Science	M.Sc. - 28	"
13.	Biochemistry (Sc.)	Biochemistry Bio-Technology Electronic Science Microbiology Environmental Sc.	M.Sc. - 60 M.Sc. - 14 M.Sc. - 25 M.Sc. - 15 M.Sc. - 15	"
14.	Geography	Geography	M.Sc. - 120	"
15.	Geology	Geology	M.Sc. - 28	"
16.	Bio-Physics Molecular Biology and Genetics	Bio-Physics Molecular Biology and Genetics Bio-Informatics (P.G.Diploma 1 yr.) Genetics	M.Sc. - 14 - 06 M.Sc. - 14	"
C.	**Faculty Council for P.G. Studies in Agriculture**			
1.	Agriculture	Plant Physiology	M.Sc. - 70	"
		Genetics & Plant Breeding		"
		Horticulture		"
		Agronomy		"
		Seed Sc. & Technology		"
		Agri. Chem. & Soil Sc.		"

D.	Faculty Council for P.G. Studies in Arts			
1.	English	English	M.A - 242 M.Phil-10	"
2.	French	French	M.A - 15	"
3.	Economics	Economics	M.A - 220 M.Phil-10	"
4.	Ancient Indian History and Culture	Ancient Indian History and Culture	M.A - 120	"
5.	Hindi	Hindi	M.A - 99 M.Phil-15	"
6.	History	History	M.A - 158 M.Phil-20	"
7.	Islamic History & Culture	Islamic History & Culture	M.A - 160	"
8.	Museology	Museology	M.A - 40	"
9.	Pali	Pali	M.A – 29 M.Phil-10	"
10.	Arabic & Persian	Arabic & Persian	M.A - 58	"
11.	Archaeology	Archaeology	M.A - 24	"
12.	Bengali	Bengali	M.A - 363 M.Phil-20	"
13.	Linguistics	Linguistics	M.A - 84	"
14.	Philosophy	Philosophy	M.A - 221 M.Phil-20	"
15.	Political Science	Political Science	M.A - 220 M.Phil-20	"
16.	Sanskrit	Sanskrit	M.A - 145 M.Phil-10	"
17.	Language	Russian - German,Chinese, French, Hindi, Bengali, Arabic, Persian, Pali	M.A. Certificate/Diploma	"
18.	Sociology	Sociology	M.A - 55	"
19.	Tamil Studies	Tamil Studies	M.A - 11	"
20.	Urdu	Urdu	M.A - 75	"
E.	Faculty Council for P.G. Studies in Commerce and Business Management			
1.	Commerce	Commerce	M.Com -D-395 E-395	"
2.	Business Management	Business Management	M.B.M. - 33	"

F.	**Faculty Council for P.G. Studies in Journalism, Library Science and Education**			
1.	Journalism	Journalism and Mass Communication	M.A. 60 1 yr. P.G. Diploma	"
2.	Library & Inf. Sc.	Library & Inf. Sc.	B. Lib - 110 M. Lib - 15	"
3.	Education	Education	M.A. - 125 B.Ed - 185	"
G.	**Faculty Council for P.G. Studies in Law**			
1.	Law	Law	L.L.B - 320 L.L.M - 15	"
H.	**Faculty Council of Home Science, Music and Fine Arts**			
1.	Home Science	Food & Nutrition Human Development Home Science	M.Sc. - 35 M.A./M.Sc. - 35 1 yr. Diploma - 60	"
Others				
1.	S. N. Pradhan Neuro Science	Neuro Science (Research Work)		"

5.2.9 TYPES OF COLLEGES / INSTITUTIONS

1. General Degree Colleges (B.A./ B.Sc. / B. Com.) – 163
2. B. Ed. Colleges / Departments / Physical Education Colleges – 24
3. Art College – 1
4. Music College – 1
5. Law Colleges – 6
6. Medical / Homeo / Ayurvedic Colleges etc. – 24 (Recently transferred to W. B. University of Health Sciences)
7. Horticulture Institute / Management Institute – 1
8. Special Institute – 1

5.2.10 HIGHLIGHTS OF THE ACTIVITIES OF THE UNIVERSITY DURING 2006-2007

Registry : There were approximately 111981 students in the year 2006-2007 got themselves registered with the University for carring on different courses of studies. The department has fully computerised the registration process and issuing the Registration Certificate in a computerised format.

Ph.D. Registration : The total number of candidates granted Ph.D registration during the period April 2006 to March 2007 was 361.

New Courses Introduced by this University :

1. B.Ed. in Home Science on Self Financing Basis.
2. 3-Years Part Time Evening Course in Instrumentation and Control Engineering on Self Financing Basis.
3. M.Phil. in Development Studies.
4. M. Tech in VLSI Design on Self Financing Basis.
5. Six Month P.G. Evening Course in English for Effective Communication on Self Financing Basis.
6. One Year Evening P.G. Diploma Course in Buddhist Studies on Self Financing Basis.
7. M.Sc. in Bio-Medical Instrumentation on Self Financing Basis.
8. B.Sc. (Hons.) in Environmental Science.

New Affiliation :

During the period under review Three (3) New Degree colleges have been given affiliation (out of which two are self financing) by the University. Extension of affiliation in various subjects was granted to 71 colleges.

Convocation :

On 3rd May 2007 Convocation was held to confer the degree of Doctor of Literature , Honoris Causa on Sri Nirendranath Chakraborty and Doctor of Literature, Honoris Causa on Prof. Tapas Majumdar. Sri Chakraborty also delivered the convocation speech.

Eminent Teacher Award for 2006 were conferred on Sri Shoutir Kishore Chatterjee, Sri Bhubaneswar Chakraborti, Sri Sudip Chakraborty, Sri Prabhat Ranjan Ghosh, Sri Basak Sirker and Sri Baidyanath Chakraborty.

Asutosh Museum :

During the last one year the work of documentation of items in the Asutosh Museum has progressed satisfactorily. 1440 items, mainly excavated terracottas from Chandraketugarh in the district of North 24 Parganas, have been registered with individual index cards. 117 photographs of Museum objects with appropriate labels have been displayed as part of an exhibition organised to celebrate the completion of 150 years of the University. The Asutosh Museum has also participated in the exhibition entitled" Tejas-Eternal Energy : 1500 years of Indian Art held in Brussels, Belgium under the auspices of Government of India.

Calcutta University Press :

The Calcutta University Press has been engaged in the printing of textbooks and other publications besides the printing of academic journals and doing other routine printing jobs of the University. The Calcutta just brought out a comprehensive collection of all Convocation Addresses that have been given in the University, starting from the first Convocation of 1858. The sale proceeds since the last convocation till date has exceeded Rs.1.5 crore.

Sports :

The Department of Sports continued to maintain its activities during the year. Various Zonal and Inter University tournaments were held including the championships for Rohinton Baria Trophy, Vizzy Trophy and Vidyasagar Trophy. Our teams produced excellent performances in Cricket(Men), Diving(Men), Badminton (Men & Women). As a part of the Post Centenary Golden Jubilee Celebrations, the department of Sports organised a National Conference on "Dynamic Role of Physical Education and Sports , Sciences for the Development of Sports Culture in Indian Universities".

Library :

During the period since the last convocation 17,200 books were added to the collection of the University Library. This includes books purchased by the University as well as those received as gifts, the University Library subscribed to 286 periodicals titles, of which 131 were foreign titles. In addition to the above, the University has provided access to nearly 4000 electronic journals to its users in all the campuses under the UGC INFONET programme.

During the year University Library has posted on the University Website an on-line catalogue of books, Ph.D. theses, medical dissertations, the BNCC Collections, Peace Studies Collection etc. Now users from across the globe can access this catalogue.

Placement Cell :

During the period since the last convocation, 300 students have so far been placed in jobs through this cell in companies such as T.C.S., H.P.L., W.I.P.R.O., I.B.M., W.E.B.E.L. etc.

The UPE Scheme : About a year ago the University Grants Commission recognised the University of Calcutta as a "University with Potential for Excellence". Action plan of the University promptly sent to UGC and very recently University received a green signal to proceed according to this plan and to use the first instalment (Rs.10 crore) of the grants under this scheme. The grant will be utilised mainly for funding various research projects and further improving the academic infrastructure. A significant part will also be spent on improvement of administrative infrastructure.

Post Centenary Golden Jubilee :

The University undertaken during the past one year as parts of the programme of celebration of the completion of 150 years. Following programmes have been celebrated to mark the occassion :

- 35 Post Graduate Departments of the University have organised National/Inter national Seminars / Conferences of high academic standards.
- The University Centrally organised Two Major Seminars.
- The Calcutta University Teacher's Association, Calcutta University Officer's association and the two Employees Association have been given financial assistance for organising seminars on various topics relating to Higher Education.
- During the year the University has taken up a plan for comprehensive infrastructural development in the various academic departments.
- Modernisation of laboratories and extension of Internet facility also taken up in this regard by upgradation of the bandwidth of our leased line connectivity.

Self Financing Courses offered by this University

1.	M.Tech. in Electrical Engineering (Electrical Power)	– Applied Physics
2.	M.Tech. in Computer Science & Application	– Computer Science
3.	Master in Computer Application	– Computer Centre
4.	M.A in Human Rights	– Anthropology
5.	M.B.M (Sponsored)	– Business Management
6.	MB.A in Finance	– Commerce Department
7.	1- Yr.-P.G. Diploma in Book Publishing	– Journalism
8.	1-Yr-P.G. Diploma in Sports & Mass Communication Management	– Journalism
9.	1-Yr.-P.G. Diploma in Psychological Management & Counselling	– Applied Psychology
10.	Diploma in Journalism and Mass Communication	– Journalism
11.	Diploma in Media Studies, Film & Television	– Journalism

12.	1-yr.- Post M. Sc. Diploma Course in Bio-informatics	– Bio-Phy. Mol.Bio. & Gen.
13.	1-yr. Advanced Diploma Course in Bio-informatics	– Bio. Phy. Mol. Bio. & Gen.
14.	1-yr.- Diploma in Rehabilitation psychology	– Psychology
15.	M.Phil. in Clinical Psychology	– Psychology
16.	M.Phil. in Library & Information Science	– Library Science
17.	M.Phil in Fisheries Science	– Zoology
17.	Diploma in Behavioural Psychology	– Psychology
18.	Part Time Evening 3 Yrs. (6 Semestar) M. Tech. in Information Technology	– Radiophysics
19.	Forensic Anthropology - 6 months Certificate Course.	– Anthropology
20.	1 Year P.G.Diploma in Book Publishing	– Journalism
21.	1 Year Advanced Diploma in Medical Instrumentation	– U.S.I.C.
22.	B.Ed. in Home Science on Self Financing Basis	– Home Science
23.	3-Years Part Time Evening Course in Instrumentation and Control Engineering on Self Financing Basis.	– Applied Physics
24.	M. Tech in VLSI Design on Self Financing Basis	– Radiophysics
25.	Six Month PG. Evening Course in English for Effective Communication on Self Financing Basis.	– English
26.	One Year Evening P. G. Diploma Course in Buddhist Studies on Self Financing Basis.	– Peace Study Centre
27.	M.Sc. in Bio-Medical Instrumentation on Self Financing Basis.	– U.S.I.C

5.3 JADAVPUR UNIVERSITY (1955)

In the year of 1905-06, the attempt of the British rulers to partition Bengal led to a countrywide agitation. The intense nationalist movement found cultural expression in one form of reaction against the prevalent system of education. The National Council of Education, Bengal, was started in 1906 'To impart and promote the imparting of Education – Literary and Scientific, as well as Technical and professional – on national lines and exclusively under national control, not in opposition to, but standing apart, from existing system of Primary, Secondary and Collegiate Education.

The foundation of the National Council of Education, Bengal, was made possible by three generous donors: Raja Subodh Chandra Mallik, Brojendra Kishore Roy Chowdhury of Gouripur and Maharaja Surya Kanta Acharyya Choudhury Bahadur of Mymensingh. The first President of NCE, Bengal was Sir Rash Behari Ghose. Thereafter Rabindranath Tagore, Sri Aurobindo, Dr. Bidhan Chandra Roy, Prafulla Chandra Ray and other eminent leaders were associated with it.

Under the leadership of Sir Rash Behari Ghose, a society named 'Society for Promotion of Technical Education in Bengal' in parallel to NCE, Bengal, was founded with the objective of imparting scientific and technical education for industrial progress. The Bengal Technical Institution (later known as the College of Engineering and Technology, Bengal) was started in the wake of such efforts. In 1910 the Society for Promotion of Technical Education in Bengal was amalgamated with NCE, Bengal.

At the time of Independence the College of Engineering and Technology, Bengal was virtually functioning as a University. Under the statutory recognition of the Govt. of West Bengal, on 24 December 1955 the institution was accorded the status of a University and its name was altered to 'Jadavpur University'.

5.3.1 FACULTIES & DEPARTMENTS

UNDER-GRADUATE COURSES :

A. Faculty of Science :

B.Sc. Hons. (Day Course) – 3 years (6 Semester)

Chemistry, Geological Science, Mathematics & Physics.

B. Faculty of Arts :

B.A. Hons. (Day Course) – 3 years (6 semester)

Bengali, Comparative Literature, Economics, English, History, Library & Information Science, Philosophy, Physical Education. Political Science, Sanskrit.

B.A. Hons. (Day Course) – 1 Year examination system Library & Information Science.

C. Faculty of Engineering & Technology :

B.E. (Day Course) – 4 years (8 semester)

Chemical Engg., Civil Engg., Computer Sc. & Engg., Construction Engg., Electrical Engg., Electronics & Telecommunication Eng., Information Technology, Instrumentation & Electronics Engg., Mechanical Engg., Metallurgical & Material Engg., Pharmaceutical Tech., Power Engg., Printing Engg., Production Engg.

B.Tech. (Post B.Sc.) (Day Course) – 3 years (6 Semester.)

i. Food Tech. & Bio-Chem Engg.,

ii. Instrumentation & Electronics Engg.

Architecture Engg. B. E. (Day Course) – 5 years (10 Semester.)

B. E. (Eve. Courses) – 5 Years (10 Semester)

Civil Engg., Electrical Engg. & Mechanical Engg.

POST-GRADUATE COURSES :

A. Faculty of Science :

M.Sc. (Day Course) – 2 years (4 Semester)

Chemistry, Applied Geology, Mathematics, Electronics Science & Physics.

M. Tech. in Bio-Technology – 1½ years (3 Semester)

M.Phil. in Environmental Science – 2 years

M.Sc. (Eve. Course) – 3 years (6 Semester)

Chemistry , Mathematics & Physics.

B. Faculty of Arts :

M.A. (Day Course) – 2 years (4 Semester)

Bengali, Comparative Literature, Economics, English, History, International Relation, Library & Information Science, Philosophy, Physical Education, & Sanskrit.

M.A. (Eve. Course) .- 3 years (6 Semester)

Bengali, Economics, English, History, Philosophy

M.Phil. in Arts – 2 years

Bengali, Comparative LIterature, Economics, English, History, International Relation, Philosophy, Sanskrit, Sociology & Women Studies.

C. Faculty of Engineering & Technology :

M.E. /M.Tech./ M.Pharm. (Day Courses) – 2 years (4 Semester)

Architecture Engg., Chemical Engg., Civil Engg., Computer Sc. & Engg., Electrical Engg., Electronics & Telecommunication Engg., Food Tech. & Bio-Chemical Engg., Software Engg., Instrumentation & Electronics Engg., Mechanical Engg., Metallurgical & Material Engg., Pharmaceutical Tech., Production Engg., Master of Bio-Medical Engg., Master of Control Engg., Master of Water Resource Engg., M.Tech. in Energy Science, M.Tech. in Material Sc., Master of Multimedia Development.

Master in Computer Application (MCA) – 3 years (6 Semester)

M.Tech. in Computer Technology (Eve.) – 3 years (6 Semester)

B. Ed (Special Education) course in Locomotor & Neuromuscular Disorders & Mental Retardation and P.G. Diploma in Bioinformatics.

D. Following Language courses are also conducted by the University –

French, German, Italian, Spanish, Bengali, Japanese, Hindi, Sanskrit, Portugese, Russian, Tamil.

E. New Courses :

Faculty Council of Arts –

2 years Post Graduate Diploma Course in Digital Library Management (Evening)

2 years Post Graduate Diploma Course in Yoga Therapy.

Faculty Council of Science –

Dept of Instrumentation Science –

- 1 yr. P.G. Diploma in Instrumental Techniques in Chemical.
- 25 weeks Certificate course on Training of Lab. Asst.

Faculty Council of Engineering & Technology –

M.E. (Automobile Engineering) - {two years full time} - Dept. of Mechanical Engineering.

Master of Illumination Engineering.- {two years full time}- Dept. of Electrical Engineering.

Master of Power Engineering {two years full time} - Dept. of Power Engineering.

Master of Clinical Pharmacy & Pharmacy Practice - {two years full time} - Dept. of Pharmaceutical Tech.

Master of Nanoscience & Technology - 2 years Day Time

Master of VLSI Design & Micro- Electronics Technology. (Eve. Course) – 3 Years

M.Tech. in Distributed and Mobile Computing (Eve. Course) – 3 Years

Multi-modal Digital Distance Education –

- M.Tech IT Courseware Engg. - 2 years
- P.G. Diploma in Multi-Media & Web Technology.

Name of the courses taught by the University directly : (Starting from PG level courses or above and ending with Diploma and / or UG level courses; including Technical courses, if any.

Sl. No.	Department	Subject offered	Course with Intake Capacity	Selection Criteria In order of Merit
A. Faculty Council for P. G. Studies in Science				
	Physiology (Sc.)	Physiology (Sc.)	M.Sc. - 39	"
	Anthropology	Anthropology	M.Sc. - 28	"
	Applied Math	Applied Math	M.Sc. - 44	"
	Psychology	Psychology	M. Sc. - 34	"
	Mathematics	Mathematics	B.Sc.-75 M.Sc.(Day) – 60 M.Sc.(Eve) – 60	"
	Physics	Physics	B.Sc.-55 M.Sc.(Elec.Sc.)-12 M.Sc.(Day) – 35 M.Sc.(Eve) – 35	"
	Applied Psychology	Applied Psychology	M.Sc. - 34	"
	Statistics	Statistics	M.Sc. - 30	"
	Chemistry	Pure Chemistry	B.Sc.-50x3 M.Sc.(Day) – 35x2 M.Sc.(Eve) – 35x2	"
	Botany	Botany	M.Sc. - 50	"
	Zoology	Zoology	M.Sc. - 71	"
	Marine Science	Marine Science	M.Sc. - 18	"
	Life Science & Bio-Technology	Life Science & Bio-Technology	M.Sc. - 20	"

	Biochemistry (Sc.)	Biochemistry	M.Sc. - 62	"
		Bio-Technology	M.Sc. - 06	"
		Electronic Science	M.Sc.- 25	"
		Microbiology	M.Sc.	"
		Environmental Sc.	M.Sc.	"
	Geography	Geography	M.Sc. - 115	"
	Geology	Geology	B.Sc.-35 M.Sc. – 27 Ph.D-21	"
	Bio-Physics Molecular Bio-Physics Genetics	Biology and Molecular Biology and Genetics Bio-Informatics	M.Sc. - 12 (P.G.Diploma 1 yr.)	"
B. Faculty Council for P.G. Studies in Agriculture				
	Agriculture	Plant Physiology	M.Sc. - 65	"
		Genetics & Plant Breeding		"
		Horticulture		"
		Agronomy		"
		Seed Sc. & Technology		"
		Agri. Chem. & Soil Sc.		"
C. Faculty Council for P.G. Studies in Arts				
	English	English	B.A.-160, M.A - 130 M.Phil-15, Ph.D	"
	Comparative Literature	Comparative Literature	B.A.- 50 M.A. - 65 M.Phil - 15, Ph.D	
	Economics	Economics	B.A.- 58 M.A(Day) - 55 M.Phil-15, Ph.D	"
	History	History	B.A-50 M.A(Day) - 65 M.A.(Eve.)- 50 M.Phil-15, Ph.D	"

	School of Womens Studies	School of Womens Studies	M.Phil -15	"
	Philosophy	Philosophy	B.A- 166 M.A - 122 M.Phil-15, Ph.D	"
	Sanskrit	Sanskrit	B.A-140 M.A(Day) - 140 M.A.(Eve.) - 100 M.Phil-11+5, Ph.D	"
	Sociology	Sociology	M.A (Day)- 30 M.Phil-15, Ph.D	"
	Film Studies	Film Studies	PG I-35, PG II-35	"
	International Relations		B.A-165, M.A-140 M.Phil-15, Ph.D	"
	Urdu	Urdu	M.A - 75	"
D. Faculty Council for P.G. Studies in Commerce and Business Management				
	Commerce	Commerce	M.Com -D-350 E-440	"
	Business Management	Business Management	M.B.M - 33	"
E. Faculty Council for P.G. Studies in Journalism, Library Science and Education				
	Journalism	Journalism Mass Communication and	M.A - 60 1 yr. P.G. Diploma	"
	Library & Inf. Sc.	Library & Inf. Sc.	B. Lib - 55 M. Lib – 15 P.G.D.D.L.M.(Eve.)-20	"
	Education	Education	M.A. -125 B.Ed - 185	"
F. Faculty Council for P.G. Studies in Law				
	Law	Law	L.L.B - 320 L.L.M - 15	"
Others :				
	S. N. Pradhan Neuro Science	Neuro Science (Research Work)		

5.3.2 INTERDISCIPLINARY SCHOOLS

- School of Study in Environmental Radiation & Archaeological Science
- School of Bioscience & Engineering
- School of Education Technology
- School of Energy Studies
- School of Environmental Studies
- School of Illumination Science, Engg. & Design
- School of Advanced Studies on Industrial Pollution Control Engg.
- School of International Relations and Strategic Studies
- School of Material Science & Technology
- School of Media, Communication & Culture
- School of Oceanographic Studies
- School of Water Resource Engg.
- School of Women's Studies
- School of Laser Sc. & Engg.
- School of Natural Product Studies
- School of Cultural Texts & Records
- School of Linguistic & Language Technology

5.3.3 CENTRES FOR STUDIES

- Ambedkar Studies
- Cognitive Science (Philosophy)
- Computer Aided Design (Computer Sc. & Engg.)
- Condensed Matter Physics Research (Physics)
- Counselling Service & Studies in Self Development (Philosophy)
- Distributed Computing (Computer Sc. & Engg.)
- European Studies (History)
- Human Settlement Planning (Architecture)
- IC Design and Fabrication (E.T.C.E.)
- Indology (Sanskrit)
- Knowledge Based System (Elec. Engg., Jupiter Bldg)

- Marxian Studies (Economics)
- Mathematical Biology & Ecology (Mathematics)
- Micro-Processor Application (Computer Sc. & Engineering)
- Nuclear and Particle Physics Research (Physics)
- Plasma Studies
- Quality Construction
- Quality Management System (Mech. Engg.)
- Refugee Studies (International Relation)
- Relativity and Cosmology (Physics)
- Surface Studies (Chemistry)
- Tagore Studies (Bengali)
- Transport Studies (Civil Engg.)
- Welding Studies (Met. Engg.)
- Thermal Power & Processs Management (Mech. Engg.)
- Yoga
- V. Rabi Chandran Centre of Pharmaceutical Science

5.3.4 AFFILIATED INSTITUTIONS

- Name of the College / Institution affiliated to the University

Sl.No.	Name of the College / Institution
1.	Smt. J. D. Birla Institute
2.	Jadavpur Vidyapith College of Education
3.	Institute of Business Management
4.	Marine Engineering and Research Institute**

** Only course is affiliated

5.3.5 HIGHLIGHTS OF ACTIVITIES DURING 2006-2007

New courses introduced :

1. All India Council for Technical Education (AICTE) has approved a 3-year Part time P.G. course in VLSI Design and Microelectronic & Intelligent Automation Robotics and 2 years full-time PG courses in Clinical Pharmacy and Pharmacy Practices, Nanoscience and Technology, Illumination Engineering, Power Engineering and I. T (Courseware Engineering).

2. Department of Adult, Continuing Education and Extension has introduced the following four One- Year Post Graduate Diploma Course from this session, namely,

   i) Software Engineering & Business Management

   ii) Bioinformatics

   iii) Montessori and Kindergarten Teachers' Training and

   iv) Herbology.

3. The Department of Adult, Continuing Education and Extension has also introduced from this year B. Ed (Special Education) degree programme in Locomotor impairment and Cerebral Palsy in collaboration with Indian Institute of Cerebral Palsy. This is the first of its kind in Eastern India and is in tune with the identified thrust area of Special Education under the **'University with Potential for Excellence' scheme**.

4. The School of Education Technology (SET) has introduced a M. Tech I.T (Courseware Engineering) course in the class-room format. Further, the university through SET is also offering (a) P.G Diploma in Multimedia and Web Technology and (b) M. Tech IT (Courseware Engineering) in Multimodal Digital Distance Education format.

- The Faculty of Engineering and Technology, Jadavpur University has been selected as a lead Institution under the World Bank assisted Technical Education Quality Improvement Programme (TEQIP) of Government of India. The University has been granted an allocation of Rs. 23.57 crores under the programme.

- In the Faculty of Arts, a 2 - year Post Graduate Diploma in Yoga Therapy under the Department of Physical Education has been introduced. A P.G. Certificate course in Editing and Publishing has also been introduced.

- Two new Centres for specialized Studies and Research viz, **1) Centre for Quality Construction and Sir C. V Raman Centre for Physics & 2) Music** have been started.

- Department of English has been designated by the UGC as a **Center of Advanced Studies (CAS).** This is a great national recognition considering the fact that the Department is the first among Indian Universities to get this status. Further, Department of Philosophy has been approved for CAS, Phase IV for five years, 2004 -2009 by the UGC.

- **University Grants Commission** has also extended support to four Departments of the Arts Faculty, namely, Comparative Literature, Philosophy, International Relations & Economics under its AS/HSS (Strengthening of the Infrastructure of the Humanities and Social Sciences) programme.

- The Department of History received the Departmental Research Support (DRS) grant of Rs.38.00 lakhs under the UGC Special Assistance Programme to conduct Research on the 'Environmental History of India'.

- The Department of Science and Technology, Government of India has extended support to the Department of Chemical Engineering and School of Energy Studies with grants of Rs. 65.00 lakhs and Rs. 20.00 lakhs respectively under its FIST (Funding for Improvement of Science & Technology Infrastructure in University) programme.

- UGC has brought two of the premier Engineering Departments, Mechanical Engineering and Chemical Engineering, under its Departmental Research Support (DRS) of Special Assistance Programme (SAP) and Department of Metallurgical & Material Engineering has been upgraded from DRS to DSA (Department of Special Assistance) status.

- **Industry Institute Partnership Cell** has accelerated its speed in industry interaction providing multiple services towards consultancy/testing /R & D facilities to about 160 organizations/ Government departments as well as in public and private sectors all over India. A few examples of such Industries are: Bridge & Roof, ABB, Metro Railway, The Asiatic Society, Indian Ordinance Factories, Eastern Railways, Hindustan Paper Corporation Ltd., Price Water House, BSNL, KMDA, Exide Industries Ltd., Indian Oil, ESAB India Ltd., Jute Corporation of India, CPWD, Hindustan Petroleum, Britannia Industries, CESC, M.N. Dastur and Company, Airport Authority of India etc.

- Prof. Samaresh Bhattacharyya, Department of Chemistry and Dr. Nibir Mondal, Department of Geology of the University have been awarded the prestigious "Bhatnagar Award' of the year 2005 for their outstanding contribution in the field of concerned research areas.

- An MOU has been signed for **Indo-Italian Academic collaboration** jointly by C.U., J.U. and R.B.U. with 4 reputed Italian universities, namely, Rome University, Turin University, Venice University and Naples University.

5.4 RABINDRA BHARATI UNIVERSITY (1962)

The Rabindra Bharati University was founded on May 8, 1962 under the Rabindra Bharati Act to mark the birth centenary of poet Rabindranath Tagore. Its main objective is "to encourage in conformity with the ideas and thoughts of Rabindranath Tagore, the integration of cultural heritage of the nation consistent with its linguistic and socio-economic history and to enable it to function more efficiently as a university encouraging and providing for instruction, teaching, training and research...". The Maharshi Bhaban and Bichitra located at Jorasanko Complex of the university houses (i) a biographical museum on Tagore and aspects of the Bengal Renaissance; (ii) three Art galleries–the first one exhibiting Tagore's paintings (original), the second the portraits and personal effects of the family and the third the paintings of the Bengal School painters, notably Abanindranath Tagore, Nandalal Bose, Jamini Roy, Ramkinkar Baij etc.

5.4.1 *FACULTIES & DEPARTMENT*

A. FACULTY OF ARTS (B. T. Road Campus or Emerald Bower)

(i) Course – B. A. (Hons.) (3 – year)
Subject : 1. Bengali, 2. Economics, 3. English, 4. History, 5. Philosophy, 6. Sanskrit, 7. Political Science.

(ii) Course – M. A. (2 – year)
Subject : 1. Bengali, 2. Economics, 3. English, 4. History, 5. Philosophy, 6. Sanskrit, 7. Political Science, 8. Education.

(iii) Course – B.Ed. (1 year)
Subject : Education

(iv) Course - B.LISc. (1 year.)
Subject : Library & Inf. Sc.

(v) Course - Diploma in Tagore Literature (1 year)
Subject : Bengali

(vi) Course – M. Phil. (2 – year)
Subject : 1. Bengali, 2. English, 3. Philosophy, 4. Sanskrit.

B. FACULTY OF FINE ARTS (Jorasanko Campus)

(i) Course – B. A. (Hons.) (3 – year)
Subject : 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music

(ii) Course – B. A. (Spl. Hons.) (2 – year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music

(iii) Course – Senior Diploma (3 year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music

(iv) Course – Junior Diploma (2 year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music

(v) Course – M. A. (2 – year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music, 7.Musicology, 8. Mass Communication & Videography

C. FACULTY OF VISUAL ARTS (Jorasanko Campus)

(i) Course - Bachelor of Visual Arts (BVA) – (4 - Year)

Subjects : 1. Applied Art, 2. Graphics (Print Making), 3. Sculpture, 4. History of Art, 5. Painting

(ii) Course - Master In Visual Arts (MVA) - (2 - Year)

Subjects : 1. Applied Arts, 2. Graphics (Print Making), 3. Sculpture, 4. History of Art, 5. Painting

D. Other Courses :

i) Ph. D. in all subjects of Arts, Fine Arts & Visual Arts Faculties.

ii) D. Litt.

5.4.2 Other Sponsored Centres for Study and Research

1. Centre for Tagore Studies.
2. School of Vedic Studies (Zonal Advance Centre).
3. Centre for Gandhian Studies.
4. Centre for Dr. Radhakrishnan Studies.
5. Centre for Mass Communication and Videography.

Originally these centres were sponsored by the U.G.C. but at present the liability is borne by the State Govt.

5.4.3 Other Establishments at Jorasanko Campus

A. The West Bengal State Academy of Dance, Drama, Music and Visual Arts

B. Biographical Museum on Poet Tagore and Bengal Renaissance.

C. Art Gallery : (i) Tagore's Paintings, (ii) Family Portraits, (iii) Bengal School of Paintings.

The Centre for Adult, Continuing Education and Extension, Community Services, National Service Scheme, Rabindra Bharati Sanskrit Prachar Prakalpa — 2 centres.

5.4.4 No. of Affiliated Institutions

Art College - 1(Indian College of Art and Draughtmanship)

Course - B.V.A. (Hons.)

5.4.5 D.Litt./ Ph.D. Programme

i) Ph.D. Programme : Bengali, English, History, Philosophy, Political Science, Economics, Sanskrit, Painting, Dance, Vocal Music, Drama, Instrumental Music, Rabindra Sangeet, History of Art, and Visual Art.

ii) M. Phil Programme : (2 Year) - Bengali, English, Philosophy, Sanskrit.

5.4.6 ELIGIBILITY FOR ADMISSION TO DIFFERENT COURSES

Faculty	Department	Courses	Duration	Eligibility
FINE ARTS FACULTY	INSTRUMENTAL MUSIC AND PERCUSSION	i) B.A.(Hons.)	3 year	H.S.(+2) or its equivalent and special aptitude in this subject.
		ii) B.A.(Spl. Hons.)	2 year	Graduate in any subject and special aptitude in this subject.
		iii) M. A.	2 year	B.A.(Hons./Spl.Hons.) in this subject from any UGC recognised University.
		iv) Ph.D.	2-5 year	M.A. in Instrumental Music.

	RABINDRA SANGEET (Day)	i) B.A.(Hons.)	3 year	H.S.(+2) or its equivalent and special aptitude in Rabindra Sangeet.
		ii) B.A.(Spl. Hons.)	2 year	Graduate in any subject and special aptitude in Rabindra Sangeet.
		iii) M.A.	2 year	B.A.(Hons./Spl.Hons.) in Rabindra Sangeet or in any subject with special aptitude in Rabindra Sangeet.
		iv) Ph.D	2-5 year	M.A. in Rabindra Sangeet from any UGC recognised University.
	VOCAL MUSIC	i) B.A.(Hons.)	3 year	H.S.(+2) or its equivalent and special aptitude in Vocal Music.
		ii) B.A. (Spl. Item)	2 year	Graduate in any subject and special aptitude in Vocal Music.
		iii) M.A.	2 year	B.A.(Hons./Spl.Hons.) in Vocal Music or any subject with special aptitude in Vocal Music from any UGC recognised University.
		iv) Ph.D	2-5 year	M.A. in Vocal Music from any UGC recognised University.
	DRAMA	i) B.A.(Hons.)	3 year	H.S. (+2) or its equivalent with special aptitude in Drama
		ii) B.A. (Spl. Hons.)	2 year	Graduate in any subject with special aptitude in Drama.
		iii) M.A.	2 year	B.A.(Hons./Spl.Hons.) in Drama or any subject with special aptitude in Drama from any UGC recognised University.
		iv) Ph.D.	2-5 year	M.A. in Drama from any UGC recognised University.

	DANCE	i) B.A.(Hons.)	3 year	H.S.(+2) or its equivalent with special aptitude in Dance.
		ii) B.A. (Spl. Hons.)	2 year	Graduate in any subject with special aptitude in Dance.
		iii) M.A.	2 year	B.A.(Hons./Spl.Hons.) in Dance or any other subject from any UGC recognised University with special aptitude in Dance.
		iv) Ph.D.	2-5 year	M.A. in Dance from any UGC recognised University.
	MUSICOLOGY	M.A.	2 year	B.A.(Hons./Spl.Hons.) in any subject from any UGC recognised University
	MASS COMM-UNICATION & VIDEOGRAPHY	M.A.	2 year	B.A.(Hons./Spl.Hons.) in any subject from any UGC recognised University
ARTS FACULTY	BENGALI	i) B.A.(Hons.)	3 year	H.S.(+2) or its Equivalent with Bengali as a Compulsory Subject.
		ii) M.A.	2 year	B.A.(Hons.) in Bengali from any UGC recognised University.
		iii) M.Phil.	2 year	M.A. in Bengali from any UGC recognised University with at least 50% marks.
		iv) Ph.D.	2-5 year	M.A. in Bengali from any UGC recognised University.
	ECONOMICS	i) B.A.(Hons.)	3 year	H.S.(+2) or its equivalent with Economics Math/Eco-Geo as a compulsory subject.
		ii) M.A.	2 year	B.A.(Hons.) in Economics from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.A. in Economics from any UGC recognised University.

	EDUCATION	i) M.A.	2 year	B.A.(Hons.) in Education or Hons. Graduate in any subject with B.Ed. from any UGC recognised University.
		ii) B.Ed.	1 year	Graduate/Post graduate from any UGC recognised University.
		iii)Ph.D.	2-5 year	M.A./ M.Sc. in Education.
	ENGLISH	i) B.A.(Hons)	3 Year	H.S. (+2) or it's equivalent with English as a compulsory subject.
		ii) M.A.	2 Year	B.A.(Hons.) in English from any UGC recognised University.
		iii) M.Phil.	2 Year	M.A. in English from any UGC recognised University with at least 50% marks.
		iv) Ph.D	2-5 Year	M.A. in English from any UGC recognised University
	PHILOSOPHY	i) B.A.(Hons)	3 Year	H.S. (+2) or it's equivalent with Philosophy as a compulsory subject.
		ii) M.A.	2 Year	B.A. (Hons.) in Philosophy from any UGC recognised University.
		iii) M.Phil.	2 Year	MA in Philosophy from any recognised University with at least 50% marks.
		iv) Ph.D	2-5 Year	M.A. in Philosophy from any UGC recognised University
	LIBRARY & INFORMATION SCIENCES	B.LISc.	1- year	Graduate from any UGC recognised University with special aptitude in Library & Information Science. (Through Admission Test)

	HISTORY	i) B.A.(Hons.)	3 year	H.S. (+2) or it's equivalent with History as a compulsory Subject.
		ii) M.A.	2 year	B.A. (Hons.) in History from any UGC recognised University.
		iii) Ph.D.	3- year	M.A in History from any UGC recognised University.
	POLITICAL SCIENCE	i) B.A. (Hons.)	3 year	H.S.(+2) or its equivalent with Political Science as a compulsory Subject.
		ii) M.A.	2 year	B.A.(Hons.) in Political Science from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.A. in Political Science from any UGC recognised University.
	SANSKRIT	i) B.A. (Hons.)	3 year	H.S.(+2) or its equivalent with Sanskrit as a compulsory Subject.
		ii) M.A.	2 year	B.A.(Hons.) in Sanskrit from any UGC recognised University.
		iii) M.Phil.	2 year	M.A. in Sanskrit from any UGC recognised University or Archarya from Rashtriya Sanskrit Sansthan with 50% marks.
		iv) Ph.D.	2-5 year	M.A. in Sanskrit from any UGC recognised University.
VISUAL ARTS FACULTY	PAINTING	i) B.V.A.	4 - Year	H.S.(+2) equivalent Exam. (age 23 years).
		ii) M.V.A.	2 - year	B.V.A. in painting from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.V.A. in Painting from any UGC recognised University.

	SCULPTURE	i) B.V.A.	4 - Year	H.S.(+2) its equivalent Exam. with special aptitude in the relevant field.
		ii) M.V.A.	2 - year	B.V.A. in Sculpture from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.V.A. in Sculpture from any UGC recognised University.
	GRAPHICS (Print making)	i) B.V.A.	4 - Year	H.S.(+2) its equivalent Exam. with special aptitude in the relevant field.
		ii) M.V.A.	2 - year	B.V.A. in Graphics from any UGC recognised University.
		iil) Ph.D.	2-5 year	M.V.A. in Graphics from any UGC recognised University.
	APPLIED ART	i) B.V.A.	4 - Year	H.S.(+2) its equivalent Exam. with special aptitude in the relevant field.
		ii) M.V.A.	2 - year	B.V.A. in Applied Art.
		iii) Ph.D.	2-5 year	M.V.A.in Applied Art from any UGC recognised University.
	HISTORY OF ART	i) B.V.A.	5 - Year	H.S.(+2) its equivalent Exam. with special aptitude in the relevant field.
		ii) M.V.A.	2 - year	B.V.A. in History of Art from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.V.A. in History of Art from any UGC recognised University.

5.4.7 Highlights of major achievements/activities during 2006-2007

Academic

1. 31st Convocation of this University was held on 8th May 2006. The Hon'ble Chancellor of our University and Governor of West Bengal presided over the said convocation. Following distinguished personalities for outstanding performance in their respective field were conferred D.Litt degree (Honoris Causa) :- Professor Deb Kumar Bose for his outstanding contribution in the field of Economics, Professor Sobha Brahma for his outstanding contribution in painting and sculpture & Shri Ramkumar Chattopadhyay for his outstanding contribution in the field of Music. On 9th May 2006 homage to Rabindra Nath Tagore in the style of Kabi Pranam was held successfully like previous years at J.S.Campus. Eminent Artists offered their tribute to Kabi Guru by performing Rabindra Sangeets and recitations. That programme was directly telecasted by the Doordarshan Kendra, Kolkata. People of all strata from different corners of the country assembled at Jorasanko Campus, the birthplace of 'Kabi Guru' on that day to pay their tribute. Many eminent persons from cultural, literary and political scenario visited Rabindra Bharati Museum on that day.

2. Rakhi Bandhan Festival was observed irrespective of Caste. Creed and Religion for national integration which was the dream of Tagore.

3. Impartment of lesson on Four Foreign Languages like French, Spanish, Italian & Japanese are going on in the School of Language & Culture run on self financing basis inside our University Campus Course on Hindi Language and Diploma Course in Bengali Literature have been introduced. It is worthwhile to mention here that four girl students of Polland are at present undergoing the Diploma Course in Bengali Literature (one year duration). Twenty three students of Soka University, Japan along with a teacher are expected to attend the School of Languages & Culture of our University in the month of January, 2007 for two weeks to learn communicative English language and Tagore culture (dance & song).

4. Centre for Adult Continuing Education & Extension & Field Outreach has been elevated to Dept. of Adult Continuing Education & Extension & Field Outreach. Four new courses like (i) Post Graduate Diploma in Adult Education (PGDAE) – one year duration (ii) Diploma in Social Work (DSW) – one year duration (iii) Certificate course on NGO Management – 6 months duration & (iv) Diploma in Acting in Multi Median - one year duration have been started. Different programmes like seminars/workshops on different themes (e.g. literacy and empowerment of women, Continuing Education and the role of the University, Education for all : Its Problems & Prospects, Self Employment & Computer Training, workshop on 'In house management for a dynamic University administration' etc, literacy rally, book bazaar, cultural functions (Essay, Quiz, Debate, Tagore song, Bangla Gaan, Tagore Dance & Kabi Sammelon

etc.) were held in this year in collaboration with different Institutions & Non-Government Organizations located in different Districts of our State. Placement, Counseling and Guidance Centre have been opened under Dept. of Adult, Continuing Education and Extension & Field Outreach. The scheme of Higher Education for Person with Special Needs (HEPSN) approved by UGC having the cardinal objective of providing equal educational opportunities to disabled persons is being implemented at present.

Post Graduate Course in Mathematics has been introduced in this academic year with approval of the appropriate Authority. Post Graduate Course in Sociology & Geography are expected to be introduced in the next Academic year. Diploma/Degree Course in Human Development is under preparation. It is expected that the University will be in a position to introduce this curriculum shortly. However, Human Development had been inducted in the course curriculum of Political Science, Economics and Philosophy by this time.

6. The Faculty of Visual Arts has organized an exhibition in the name of 'Aban Meta' like previous year.

7. Twenty One candidates in different Depts. Under three Faculties have been awarded Ph. D. Degree and Thirty Three candidates have been awarded M. Phil Degree.

8. Four Visiting Professors and Three Visiting Fellows were appointed in different Depts. With the financial assistance from UGC under Unassigned Grant Scheme.

9. With the financial assistance under Unassigned Grant Scheme of UGC one Teacher have participated in the International Seminar to deliver lecture at Eastern Mediterranean University, North Cyprus, Turkey. Apart from that 9 (nine) teachers and 1 (one) Officer have participated in National Conference/Seminar Workshops etc. under the said scheme.

10. Three Major Research Projects approved and funded by UGC are running. Project Fellow and Project Associate have been appointed.

11. SAP DRS (Phase – I) in the Dept. of Philosophy under financial assistance of UGC is running successfully and the same will be continued upto 31.03.2009.

12. At present One University Junior Research Fellow and Five Unviersity Sr. Research Fellows are doing their research work in different depts. And One UGC SRF in Drama Dept. is doing Research. One Research Fellow is carrying out research by availing "Harindra Nath Dutta Fellowship". Recruitment process for filling up the vacant posts of University Junior Research Fellow in different Departments are going on and it is expected that those will be filled up short.

UNIVERSITIES

13. Six Endowment lectures were held in different Departments under three Faculties. Like previous years Academic Depts. are now taking initiative to hold UGC Seminar in the first quarter of the calendar year 2007. Departmental Journals of Academic Depts. Under three Faculties have been published.

14. Directorate of Distance Education with it's ten study centres located in different parts of out State is at present running vibrantly with the objective of extending Higher Education to all in eleven subjects like B.A. (Spl. Hons.) (Rabindra Sangeet), M.A. (Rabindra Sangeet, Vocal Music), M. A. (Bengali, English, History, Political Science, Sanskrit & Education), Master in Social Work (MSW) and M.A. (Environmental Studies). At present more than twenty five thousand students have enrolled.

15. Kejriwal Scholarship for forty students of Visual Arts Faculty have been introduced in our University.

16. 'Jora Sanko Thakur Bari-Japan Gallery', a new wing of Rabindra Bharati University Museum had been constructed with financial assistance from Mitsubishi Corporation Private Ltd. of Japan. The Hon'ble Chief Minister, West Bengal on 08.11.2006, inaugurated the said Japan Art Gallery. Prof. Sudarshan Roychowdhury, Hon'ble Minister in Charge, Higher Education Dept., Govt. of W.B., Dr. Pratap Chandra Chandra, Former Education Minister, Govt. of India & Mr. Yoshikazu Takeuchi, Consul General of Japan, Kolkata Region remained present in that inaugural ceremony.

17. Prof. Chidananda Bhattacharya, HOD, English Dept. had been invited as Visiting Fellow in North Bengal University. Prof. Sabyasachi Basu Roy Chowdhury, Ex-HOD, Pol. Sc. Dept. had been invited as Visiting Fellow in Chennai University, Prof. Satya Narayan Chakraborty, Veteran Academician of our Sanskrit Dept. has joined Sorbone University, Paris as an invited Visiting Professor.

18. As an outcome of the Memorandum of Understanding signed by Calcutta University, Jadavpur University and Rabindra Bharati University of India with the Italian counterparts in Rome, Naples, Venice and Turin, the Hon'ble Vice Chancellor attended the Italian-Indian Universities meeting held on and from 2/4/06 to 7/4/2006 at Turin for coordination of Educational Exchange Programme. At present we are facing a lot of difficulties in order to bring the said agreement effective particularly in terms of meeting up the international air travel expenses to be incurred by the foreign faculties (Visiting Professor of foreign university). However, two Professors of Turin University have been invited to our University from our own resources and they are scheduled to visit our campus in the month of January 2007. One student of Venice University had reached in our University for his postdoctoral research in Philosophy at the end of November 2006.

19. At present we are having five Research Centres namely, Tagore Research Centres, School of Vedic Gandhian Studies, S. Radhakrishnan Studies, Centre for Mass Communication funded by the University Grants Commission during IXth Plan Period and those Centres are promoting research successfully. The School of Vedic Studies has been recognized as a zonal level centre by UGC and is playing a very important role in Indological Studies. The proposal for establishing a new centre for Indological Studies and Research has been passed by the Faculty Council and Executive Council of our University and the same is expected to be inaugurated shortly.

20. Our NSS is praying a very active role in generating awareness on HIV/AIDS issues . AIDS Awareness Camp was held like previous years. Dandi March Celebration was observed jointly by NSS and Centre for Gandhian Studies at the eve of completion of 75 years of Dandi March led by Mahatma Gandhi.

21. Faculty of Visual Arts is now taking initiative for organizing the UGC approved Refresher Course.

22. Four students under Faculty of Fine Arts had been awarded National Scholarship. One student of Fine Arts stood second at the state level in the youth festival.

23. 'Gitabitan Utsav' was observed at J.S.Campus on 05.12.2006. Students & Teachers Faculty of Fine Arts participated in that programme and the said programme was telecasted by the Doordarshan, Kolkata.

24. UGC has approved the projects namely; Infrastructure of Women Students, Teachers and Non-Teaching Staff in Universities, Construction of Women's Hostel & Population Education and those are now being implemented.

Infrastructure

1. The construction work of third campus at Salt Lake, Bidhan Nagar is going on in full swing it is expected that the same will be inaugurated in the next year.

2. Construction of Sangeet Bhavan for Fine Arts Faculty is now on it's way of completion. It is expected that the same will be inaugurated shortly.

3. Vertical extension work of the existing building of Central Library of E. B. Campus with a lift provision is now on it's way of completion.

4. Renovation with Beautification of E.B. Campus is going on.

5. Rabindra Bharati University Computer Centre has been set and has started functioning on and from 20.12.2006.

Research Activities

Rabindra Bharati University imparts education in Arts, Fine arts & Visual Arts. Keeping in line with the tradition of the University, research activities mainly revolve around these faculties strictly following procedures as laid down by the University Grants Commission. UGC JRF and University JRF are pursuing their Ph.D in different Depts. under three faculties. Moreover, many part-time research scholars have also enrolled for their Ph.D works in different Depts. under three faculties.

5.5 UNIVERSITY OF BURDWAN (1960)

The University of Burdwan was established under West Bengal Act XXIX of 1959 as a teaching and affiliating university. It started functioning from 15th June, 1960 with six postgraduate teaching departments and thirty under-graduate colleges spread over five districts viz. Burdwan, Birbhum, Bankura, Purulia and Hooghly. The university has expanded gradually and at present, the number of post-graduate departments is 28 and that of affiliated colleges 109. It runs a variety of academic and administrative programmes in respect of teaching, research and other allied activities.

5.5.1 FACULTIES & DEPARTMENTS

POST GRADUATE COURSES

A. FACULTY OF ARTS, COMMERCE, LAW, MUSIC & FINE ARTS :

Bengali, History, Sociology, Law, English, Economics, Business Administration, Commerce, Hindi, M.B.A. (Human Resource), M.B.A. (Tourism), Mass Communication, Library & Information Science, Philosophy, Political Science, Sanskrit.

B. FACULTY OF SCIENCE :

Botany, Chemistry, Computer Science, Geography, Geology, Mathematics, Physics, Statistics, Zoology, Physiology, Environmental Science, Biotechnology & Micro-biology.

C. FACULTY OF ENGINEERING & TECHNOLOGY :

The Administration of the Faculty of Engineering & Technology is temporarily looked after by the Regional Engineering College, Durgapur. Four year Degree Course of Studies in Chemical Engineering, Civil Engg , Electrical Engg., Electronics & Communication Engg., Mechanical Engg. and Metallurgical Engineering. Departments along with P.G. Courses of Industry

Oriented studies in Engineering & Technology are offered at the said Constituent College of the University. Two year Master Course in Computer Technology conducted jointly by M/s. CMC Limited, Kolkata. Two years M.Tech course in Microwaves are running smoothly under the umbrella of this university, in the Physics Deptt.

D. FACULTY OF MEDICINE :

Four year Degree Course of Studies in M.B.B.S and Two year Post-graduate (MD) Gynaecology and Obstetrics (D.G.O) and Ophthalmology(D.O) are offered by Burdwan Medical College, a Constituent College of the University.

Besides, there are Post-graduate Diploma Course (D. G. O. / D. O.) in Gynaecology and Obstetrics and Ophthalmology.

5.5.2 OTHER COURSES

B.Ed. (Sc.); B.L.I.S., LL. B. M. Phil. (Beng. Eng., Eco., Com., Phil., Hist., Pol.Sc., Sans. Environmental Sc. & Zoo.) M. Tech. (in Microwave), P.G. Dip. in Population Education, Cert. Dip and Adv. Dip. Courses in French, German & Russian Languages.

5.5.3 CORRESPONDENCE COURSES

Five academic Professional Courses have newly introduced i.e. (i) MBA in Insurance & risk Management (ii) B.Sc. in Bio-informatics (iii) B.Sc. in Environmental Sc. (iv) B.A. in Fashion & Apparel Design & (v) B.A. in Interior Design.

5.5.4 OTHER CAMPUS STUDIES

A one-year training course leading to a Bachelor of Education Degree in Science is imparted by the Institute of Science Education.

5.5.5 OTHER FACILITIES OFFERED

A well equipped Science and Instrumentation Centre (USIC) along with Central Instrumentation Facilities (CIF) meets the technical needs of the Postgraduate Science Departments in including the researchers.

The Computer Centre of the University provides all sorts of Computer facilities for the students, teachers and research scholars of the University.

5.5.6 Name of the Courses taught by the University: (Start from PG level courses or above and end with Diploma and/or UG level courses. Also include Technical courses, if any. These are the courses that are being conducted by the University itself.)

Sl. No.	Department	Name of the Subject	Name of the Course	Intake Capacity	Selection Criteria
1.	English	English	M.A./M.Phil	95	By Merit
2.	Bengali	Bengali	"	125	"
3.	Hindi	Hindi	"	60	"
4.	Sanskrit	Sanskrit	"	100	"
5.	History	History	"	90	"
6.	Philosophy	Philosophy	"	78	"
7.	Economics	Economics	"	82	"
8.	Sociology	Sociology	"	50	"
9.	Pol. Science	Pol. Science	"	102	"
10.	Bus.Admn.	Bus.Admn.	MBA	50	"
11.	Law	Law	LLB/LLM	60/20	"
12.	Lib. & Inf. Sc.	Lib. & Inf. Sc.	BLIS/MLIS	67/16	"
13.	Mass Com.	Mass Com.	MA	50	"
14.	Tourism	Tourism	MBA(Tour)	25	"
15.	French, Rus., Ger.	French, Rus., Ger.	Dip/Cert.	100	"
16.	Physics	Physics	M.Sc./M.Tech.	64	"
17.	Chemistry	Chemistry	M.Sc.	46	"
18.	Botany	Botany	M.Sc.	55	"
19.	Zoology	Zoology	M.Sc./M.Phil.	50	"
20.	Mathematics	Mathematics	M.Sc.	97	"
21.	Geography	Geography	"	60	"
22.	Statistics	Statistics	"	25	"
23.	Env. Sc.	Env. Sc.	"	23	"
24.	Bio-tech.	Bio-tech.	"	25	"
25.	I.S.E.	Science Edu.	B.Ed.(Sc.)	07	"
26.	Commerce	Commerce	M. Com.	105	"
27.	MBA(HR)	Human Res.	MBA(HR)	30	"
28.	Population Ed.	Population Ed.	Dip	25	"

5.5.7 THE UNIVERSITY PUBLICATIONS

The Publication Unit of this University brought out four new publications viz :

(a) Journal of the Department of History (Vol. VI), edited by A.K. Dutta

(b) Journal of the Department of Sanskrit (Vol. II & III), edited by Prof. A. Bhattacharyya

During the year Prabandha Sankalan & Ekaler Galpa – Two Bengali text books for UG Students. Edited by the UG Board of Studies in Bengali.

5.5.8 ACTIVITIES OF NATIONAL SERVICE SCHEME

Students of Economics department & Environment Sc. department are involved in door to door survey for evaluating the efficacy of programmes like Total sanitation campaign, Poverty alleviation programmes, performance of self help groups, community efforts to protect degraded common property etc. and try to offer on the spot remedial measures as well as express their views/policy suggestion in the form of a report.

5.5.9 Participation in Seminar/Symposium/Workshop activities during 2006-2007

Sl. No.	Deptt.	Nname of the Candidate	Desig-nation	Type of activity	Title	Venue	Date
1.	Bengali	Prof. Biplab Chakraborty	Professor	International Conference	Indology Conference	Goa	7.2.07-10.2.07
2.	English	Prof. Bijay Kr. Das	Professor	National	All India English Teachers Conf.	Lucknow	Jan 13-16, 2007
3.	History	Dr Achintya Dutta	Reader	National	3rd Biennial Conf. of Indian Association of Asian and Pacific Studies	Guwahati	Oct 13-15, 2006
4.	Econo-mics	Sri Pravat Kr. Kuri	Reader	National	6th Annual Conf. of Economics	Megha-laya	Nov 8-10, 2006
5.	"	Sri Atanu Sengupta	Reader	National	SAMES (South & South Asian Meeting of Economics Society Conf.	Chennai	Dec 18-20, 2006

6.	"	Sri Soumyendra Kishore Dutta	Professor	National	SAMES (South & South Asian Meeting of Economics Society Conf.	Chennai	Dec 18-20, 2006
7.	"	"	"	National	7th Biennial Conf. on New Frontiers of Enterpreneurship Development Institute of India	Ahme-dabad	Mar 21-23, 2007
8.	"	Dr Rajarshi Majumdar	Lecturer	National	48th Conf. of Indian Society of Labour Economics	Trichira-pally, Tamiladu	Jan 5-7, 2007
9.	Mass Commu-nication	Sm. Mughdha Sengupta	Lecturer	International	International Symposia	New Delhi	Nov 16, 2006
10.	Philo-sophy	Dr Rajat Bhattacharyya	Reader	National	81st Indian Philosophical Congress	New Delhi	Dec 14-20, 2006
11.	"	"	"	National	59th All India Commerce Conf.	Vishakh-apatnam	Dec 28-30, 2006
12.	"	Prof. T. K. Bose	Professor	National	National symposium on Intellectual property rights	Kolkata	Dec 8-9, 2006
13.	Chemis-try	Dr Bimalendu Roy	Sr. Lecturer	National	XXI Conf. on Recent developments in ACCTI Carbohydrate chemistry	Delhi	Nov 26-29, 2007
14.	"	Prof. S.Basu	Professor	National	Nuclear & Radiochemistry symposium	Baroda	Feb 14-17, 2007
15.	Law	Prof.Manik Chakraborty	Professor	National	Regional Conf. of Commonwealth Legal Education	New Delhi	July 28-30,2006

16.	Lib.Sc.	Dr Amit Bandyopadhyay	Professor	National	Training course on Website Development	Hydera-bad	28.8.-2.9.06
17.	"	Dr Tridib Tripathi	Sr. Lecturer	National	IATLIS	Patiala	Nov 23-25, 2006
18.	"	Dr Subal Ch. Biswas	Professor	National	Librarianship in Digital Era	Sambal-pur, Orissa	Nov 29-30, 2006
19.	MBA	Dr Gautam Mitra	Reader	Workshop	Case Development & teaching workshop	New Delhi	July 31-Aug 2, 2006
20.	"	Dr Gautam Mitra	"	Int. Conf.	Enterpreneurial and Small Business Finance	Lucknow	Oct 19-20, 2006
21.	"	Dr Gautam Mitra	"	Conference	Global competition and competitiveness of Indian Corporates	Kozik-hode	18-19 May 07
22.	Physics	Prof. L.K. Samanta	Professor	National	Advances in amosphous materials (NAAM 2006)	Nazvid, AP	Feb1-3, 2007
23.	"	Sri Mrinal Pal	Professor	National	Self Assembly Routes of National Materials (SARNAM-06)	Mumbai	April 26-28, 2007
24.	"	"	"	National	XIVth Seminar on Feroelectronics and iebetic (NSFD XIV - 2006)	IIT, Kharag-pur	Dec 18-21, 2006
25.	"	Prof. B.C.Sarkar	Professor	National Symp.	Golden Jubilee Symposium on Radio Science (INCURSI 2007)	New Delhi	Feb 21-24, 2007
26.	"	Dr Subhasis Das	Sr. Lecturer	National	NC-ATIC	New Delhi	Oct 12-14, 2006

27.	Botany	Dr Jayprakash Keshri	Sr. Lecturer	National	27th Annual Conference of Indian Botanical Society	Udaypur, Rajas-than	Oct 9-11, 2006
28.	"	Dr Ambarish Mukherjee	Professor	Seminar	Jatrofa	Kolkata	12.9.06
29.	Geogra-phy	Sri Biplab Biswas	Lecturer (Physics)	Workshop	Workshop on Quantitative Technique for Research works	Burdwan	Aug 24-26, 2007
30.	"	Sm. L. Shiva-ramakrishnan	Reader	International	1st International Indian Geography Congress	Hydra-bad	Oct 5-10, 2007
31.	MCA	Dr. A.C.Mondal	Lecturer	Workshop	Self computing advances and applications	Kolkata	March 13-16, 2007
32.	"	"	"	National	XXXII All India Sociological Conference	Madras	Dec 27-29, 2007
33.	"	"	"	National	XXXII All India Sociological Conference	Madras	Dec 27-29, 2007

5.5.10 BINOY KRISHNA CHOWDHURY RURAL TECHNOLOGY CENTRE

Vocational Courses :

The following Production-cum-Training programmes are conducted under the Centre - Ducktery Management; Vermiculture; Mushroom Production and Training; Pisci-culture; Sericulture; Soil & Water Testing; Computer Training; Short-term-training on maintenance and repair of Electric and Electronics apparatus; DTP in Bengali; Hybrid Seed Production; Cultivation and Distillation of Aromatic Plants; Non-conventional Energy - application of Solar energy, Artificial Breeding & Animal Husbandry and a course on computer programming. Most of the courses are funded by UGC and State Government.

- **At Meghnad Saha Planetarium & Space Science Research Centre, Burdwan**

  It provide immense help to the students and the surrounding willing people to know about the Space Science.

- **At Adult Continuing Education & Extension, Burdwan**

  One-year PG-Diploma Course in Population Education

  Certificate course in Blood Doner Motivation

  One year Certificate course in Mother-Child care & Family Welfare at Community Medicine of Burdwan Medical College

  Two year PG Diploma course in Yoga Therapy

- At Ananda Niketan, Katwa : PG Diploma in Special Education (Mental Retardation)

- At College of Art & Design : Diploma and Certificate course in Art & Design

Preparatory Course in Civil Service Examination

The University is also providing guidance to the masses to prepare for the Civil Service Examination conducted by the State Government and efforts are being taken for rendering coaching for Indian Forest Service.

5.5.11 Highlights of major achievements/activities during 2006-2007

Education Extension Programme

The Academic Staff College has been helping college and university teachers in their academic and professional developments.

The National Service Scheme has undertaken several projects for upliftment of the surrounding areas by on-campus and off-campus projects viz., Aids Awareness programme; Pulse Polio etc.

Research Activities : Scholars get financial support from various sponsored agencies like UGC, DRDO,ICMR,MOEF, CSIR,ICSSR & DST(under FIST Programme). Spectacular achievement in this arena are very much praise-worthy.

Other Facilities :

Hostel Facility : The University has adequate hostel facilities for deserving students & Researcher scholars. There are 5 boys hostel , 5 girls hostel with a capacity of 900 & 600 students respectively and 2 Research scholars hostel (one each for Boys and Girls).

Medical Facility : A well-equipped Health Centre offers outdoor medical services to the Students, Research Scholars and members of the University Teaching and Non-teaching communities including

their families, Hostel Workers and their families. Besides extending daily usual Medical Treatment in General Medicine the Centre has special units (opened twice in a week in one shift) in Cardiology, Gynaecology, Homoeopathic, Dentist & Ophthalmology. The medicines are also supplied to the patients for their treatment. X-ray, ECG, USG & Pathological investigation facilities are also provided.

Computer Centre Facility : University Computer Centre provides networking facility and Internet facilities through advanced V-SAT Technology. The Nodal centre of the University services to offer special knowledge of Computer Application for the students of the P. G. Departments of Physics, Chemistry, Commerce and Economics etc.

Besides this University is involved in social outreach through liaison with Krishnasayer Eco Garden, Space Science Centre and Meghnad Saha Planetarium.

- **Collaborations with other departments and institutions at the national and international level :**

  a. Will Academy for MBA (Insurance and Risk Management) course

  b. Institute of Management Technology, Ghaziabad and Institute of Management Technology, Nagpur for MBA in International Business and MBA (Global) programmes.

  c. Processing going on for collaboration with Magnus School of Business for distance learning programme in management

  d. Processing going on for collaboration with Indian Institute of Travel and Tourism Management (IITTM), Gwalior for Nationally Coordinated Project (NCP) sponsored by AICTE.

  Substantial revenue has been generated by the University out of these collaborative programmes. Academic development taken place due to frequent interactions.

- **Thrust areas in research :**

  Marketing Management, Human Resource management, Financial management, Systems & Operations management, Tourism management.

- **Ongoing projects and projects completed during the last few years :**

  Industry Institute partnership Cell (IIPC) sponsored by AICTE

  Modernisation and Removal of Obsolescence (MODROBS) sponsored by AICTE.

- **Significant achievements of the department or faculty or students :**

  a) One of the faculty members received Best Teacher Award in Management and Statistics from J. N. Kapoor Foundation.

  b) Students of MBA participated in 'Samagam 2006'; B-School Meet Conducted by BIT, Mesra, Ranchi and the students received various awards for their performance in the Meet.

  d) The department has received the IIPC project grant from the AICTE.

  e) The department has received the MODROBS project grant from the AICTE.

- **Plan of action of the department for the next five years :**

  # Establishment of a well-equipped computer lab with extensive Internet connectivity

  # To give cozy look to the departmental building considering the professional nature of the course, otherwise now-a-days students do not get attracted

  # The department has been running two hard core professional courses viz. MBA and MBA (Tourism). Keeping in view the UGC guidelines and the market trend as well, the department is now offering MBA with a total of 3200 marks and also MBA (Tourism) with 3200 marks, which mean a grand total of 6400 marks in a span of only two years. in the driving seats of many reputed organisations.

5.6 KALYANI UNIVERSITY (1960)

The University of Kalyani was established in 1960 with a campus area of over 400 acres in Kalyani town. It is well connected by road and railway, with a railway station for the University. The University is situated in a locality with rural and backward areas. Yet, its distance from Kolkata is only 60 km. This location advantage of the University makes it particularly suitable for the Cafeteria Approach' of higher education. The University ensures on one hand, the development of excellence, and on the other, contribution of higher education through dissemination of knowledge to rural areas in an open and flexible system. The University is also considering the possibility of upgrading some of its affiliated colleges with the Academic Autonomy, and postgraduate teaching. The University is presently offering **twenty-six** postgraduate programmes under four faculties, namely, Science, Arts & Commerce, Education, Technology & Management. The total number of approved teaching posts at present is 217, catering to around **2596** post-graduate students. In its administrative set up, there are approximately 32 officers, and 499 staff on the pay-roll at the moment, which vindicates a streamlined academic administration.

5.6.1 FACULTIES & DEPARTMENTS

POST-GRADUATE COURSES (2 YEARS)

FACULTY OF ARTS & COMMERCE :
Total no. of Departments - 10
Bengali, Commerce, English, Economics, Folklore,
History, Library & Information Sc., Political Science, Sociology.

FACULTY OF SCIENCE :
Total no. of Department – 9
Bio-Physics & Bio-Chemistry, Botany, Computer Science (DCA) one year,
Chemistry, Environmental Science, Mathematics, Physics, Statistics, Zoology.

FACULTY OF EDUCATION :
Total no. of Department - 2
Education Deptt.-B. T. (1 year), M.A./ M. Sc. in Education (two years),
Physical Education –B.Ed (in Physical Education) 1 yr., M. P. Ed (2 Yr.).

OTHER POST GRADUATE COURSES :
FACULTY OF ENGINEERING & TECHNOLOGY
FACULTY OF LAW
FACULTY OF MUSIC & FINE ARTS

UNDERGRADUATE COURSES

FACULTY OF ARTS
B. A (Hons.) in English, Sociology, Economics, Bengali.

FACULTY OF SCIENCE :
B. Sc. (Hons.) in Chemistry, Physics, Mathematics, Statistics, Botany, Zoology.

OTHER UNDERGRADUATE COURSES

The University conducts B.A. / B.Sc. / B.Com. Pass & Honours courses in it's 36 affiliated degree colleges. Besides this, University conducts certificate course in Chinese & Russian Languages and B.Tech. Courses in: (a) Information Technology, (b) Electronics & Instrumentation. M. Phil. courses in English, Education & Economics are also conducted by the University.

5.6.2 Name of the various Courses conducted in the University

Sl. No.	Department	Name of the Subject	Name of the Course	Intake Capacity	Minimum Selection Criteria
1.	Biophysics & Biochemistry	Biophysics & Biochemistry	M.Sc.	20 + 20	H.S. 40% & Hons.60%
2.	Botany	Botany	M.Sc.	45	20% M.P, 30% H.S.,50% Hons.
3.	Chemistry	Chemistry	M.Sc.	50	Hons. Marks.
4.	Environmental Science	Environmental Science	M.Sc.	25	Admission test by The University
5.	Mathematics	Mathematics	M.Sc.	80	70% Hons.
6.	Physics	Physics	M.Sc.	45	Hons. Marks
7.	Statistics	Statistics	M.Sc.	40	Hons. Marks
8.	Zoology	Zoology	M.Sc.	45	Hons. Marks
9.	Microbiology	Microbiology	M.Sc.	20	Admission test by the University
10.	Molecular Biology & Biotechnology	Molecular Biology & Biotechnology	M.Sc.	10	Admission test by the University
11.	Computer Science	Computer Science	MCA	22	Joint Entrance Examination
12.	Geography	Geography	M.Sc.	25	Hons. Marks
13.	English	English	M.A.	100	Hons. Marks
14.	Economics	Economics	M.A.	70	Hons. Marks
15.	Folklore	Folklore	M.A.	100	Hons. Marks
16.	History	History	M.A.	100	Hons. Marks
17.	Political Science	Political Science	M.A.	100	Hons. Marks
18.	Sociology	Sociology	M.A.	60	Hons. Marks

19.	Hindi	Hindi	M.A.	40	Hons. Marks
20.	Geography	Geography	M.A.	25	Hons. Marks
21.	Philosophy	Philosophy	M.A.	60	Hons. Marks
22.	Physiology	Physiology	M.Sc.	15	Hons. Marks
23.	Sericulture	Sericulture	M.Sc.	20	Hons. Marks
24.	Bengali	M.Phil	M. Phil	20	P. G. marks & Interview
25.	English	M.Phil	M.Phil	10	P. G. marks & Interview
26.	Economics	M.Phil	M.Phil	10	P. G. marks & Interview
27.	Education	M.Phil	M.Phil	10	P. G. marks & Interview
28.	Commerce	Commerce	M.Com	100	Hons Marks
29.	Library & Information Science	Library & Information Science	1 year P.G. Diploma	30	Hons. Graduate
30.	Modern Language	Chinese Language	1 year Diploma in Chinese Language	30	Graduation
31.	Adult Education	1 year P.G. Diploma	1 yr. P.G. Diploma	20	Graduation
32.	University Science & Instrumentation Centre	i) Information Technology	B.Tech.	40	Joint Entrance
		ii) Electronics & Instrumentation	B.Tech.	40	Joint Entrance
33.	Bengali	Bengali	M.A.	160	Hons. Marks

34.	Physical Education	B.P.Ed.	1 year B.P.Ed. (Physical Education)	80	Graduation
35.	Physical Education	M.P.Ed.	2 year M.P.Ed. in Physical Edn.	30	B.P.Ed.
36.	Education	Education	M.A/M.Sc. in Education	60	Hons. & B.Ed. Marks.
37.	Education	M.Ed.	1 year M.Ed.	20	P.G. Hons. Marks
38.	Education	B.Ed.	1 Year	176	P.G. Hons Marks
39.	Business Administration	Business Administration	MBA	60	Hons. Marks & Written Exam.
40.	Modern Language	Russian Language	1 Year Certificate Course in Russian Language	30	Graduation

5.6.3 HIGHLIGHTS OF THE MAJOR ACTIVITIES UNDERTAKEN DURING THE YEAR.

New Courses and Prgrammes :

Accreditation by NAAC & subsequent steps :

After the process of Assessment and Accreditation of the University as a whole by NAAC during 2001, the University is taking Strategic Plans for accelerating new programmes of teaching and research in Emerging Areas before the next visit of the Peer Review Team of NAAC which is due in 2007. The Internal Quality Assurance Cell is going to organize one day workshop on Best Practices under the auspices of NAAC and for which financial assistance to the tune of Rs.1.05 lakh has been received from NAAC.

Assistance received from UGC & State Govt. under Plan Head :

The progress of the Developmental schemes also speaks for continuing progress. The University has received and fully utilized a grant of Rs. 204.00 lakh out of a total allocation of Rs. 340.00 lakh as Xth Plan Developmental Assistance from UGC. Appreciating the progress the university has so far made, UGC has released the third installment of Developmental Assistance to the tune of Rs. 68.00 lakh.

To take steady stride towards sustained development the University in the current financial year has submitted a proposal for capital construction to the tune of Rs. 2.50 crore to the Govt.of West Bengal towards construction of the Departments of Molecular Biology & Biotechnology, Microbiology, Physiology, Geography and renovation of Library Building and those are under active consideration of the Higher Education Department. Against an administrative approval of Rs.14.00 lakh the University has received an amount of Rs. 7.50 lakh towards construction and repair of Science Faculty Road.

Earned Accolade from DST- Govt. of India :

It would be worth mentioning that after availing of the funding of Department of Science & Technology (DST), Govt. of India under the FIST(Fund for Improvement of infrastructure in Science & Technology) Programme to the tune of Rs. 143.00 lakh the departments of Chemistry, Biochemistry & Biophysics, and Zoology have now applied for the Special Assistance Programme of the UGC and those are under active consideration.

Research Activities :

The University Departments in all of its faculties have recorded remarkable performance in research. The University is oriented towards serious effort to develop its potential by strengthening and extending research activities in its preferred areas through collaborations with other Institutions/ Bodies in India and abroad. On-going Foreign Collaborations in research on selected areas with Countries like Japan, Sweden, Germany, UK, France are helping the University for proceeding towards its goal. The University very recently has entered into a Memorandum of Understanding with Valencia University, Spain.

In the changing scenario of Higher Education system in the twenty first century, the University is active in strengthening its research activities in the emerging and developing areas. Following on-going Research Projects at different University Departments as mentioned below are noteworthy :-

i) To combat the problem of arsenic contamination in ground water of several districts of West Bengal, the Chemistry department has been continuing extensive researches on arsenic mobilisation and its possible remedial measures with the support of Indo-French Centre For The Promotion of Advanced Research (IFCMR), **Indo-Swedish Collaboration and with the Project supported by Rajiv Gandhi National Drinking Water Mission of the Govt. of India .**

The Collaborative Project entitled " **Nanoscale Biogeochemistry of Arsenic and Remediation of High Arsenic Groundwaters in Southern Asia" funded by EPSRC, Wiltshire, UK with a sanctioned amount of £75,000 sterling pound (Rs.54.00 lakh) involving University of Manchester, UK has left much impression in this regard.**

A number of Major Research projects have also been sanctioned in the recent past by DST and CSIR in Chemistry department. One of such projects is" Mono and Poly nuclear complexes

of heavier transition metals incorporating Ligands with extended delocalization. A search for new electron transfer centres and photoactive materials."

Researches in emerging areas are also being conducted with the help of the equipment procured out of the grant received from DST under FIST programme.

ii) The Department of Biochemistry & Biophysics is continuing its research with funding of various agencies like CSIR, DBT, DST, ICMR, DRDO, LSRB etc. The projects entitled "Molecular mechanism of DNA entry into E.coli cells during its artificial transformation" funded by DBT; "Studies on the mechanisms of oxidant mediated Ca2+ release from microsomes of pulmonary vascular smooth muscle" funded by DRDO and "Studies on signal transduction mechanism in oxidant induced alteration of Ca2+ dynamics on microsomes of Pulmonary smooth muscle cells " funded by DBT have yielded in considerable research output.

iii) With the **second phase of support from UGC** against a sanctioned amount of **Rs. 18.70 lakh** extensive researches on **"High Temperature Superconductivity"** are being conducted at the Department of Physics.

iv) The Department of Zoology has been able to maintain its excellence through its research projects like "Identification , pathobiology and control of some dreaded protozoan poultry diseases of West Bengal" funded by DST, " An investigation for testing efficacy and mechanism of action of certain potentized homoeopathic drugs in combating artificially induced hepatocarcinoma in mice and rats " funded by **AYUSH , Ministry of Health & Family Welfare, Govt. of India**, " A comprehensive study on arsenic toxicity and its amelioration by administration of ultra-low doses of homoeopathic drugs " a **BOIRON LAB, Lyon, France project** for which the foreign collaborator has **sanctioned an amount of 80,000 EURO**. etc.

In the recent past DST, Govt. of India has sanctioned a Major Project entitled " LH/HCG receptor gene expression in mouse uterus and its relevance in steroid hormone and prostaglandin synthesis" against an allocation of **Rs. 19,86,702/-**.

Research in Humanities Streams :

v) In the Department of Economics researches are going on "Economic efficiency in petro-refining in India" funded by ICSSR and on "The political economy of labour in a globalised economy" funded by IDPAD- ICSSR against an allocation of Rs.15,11,114/- .

vi) Under the aegis of financial support of the Ministry of Tribal Affairs effective researches are being conducted in the Department of Sociology on the projects entitled "Mother and Child health care programmes among the tribal in the district of Nadia and "Tribal girl students hinderance towards achievement – A micro study of welfare strategy in the district of Nadia". UGC has provided support through a major research project entitled "Risk and labour: Concern for human sufferings in Small and medium-scale industries in low and high performing economics."

UNIVERSITIES

The on-going research projects at different university departments.

Sl. No.	Name of the Teacher	Title of the project	Duration	Funding Agency	Amount
1.	Dr. D. Chatterjee Dept. of Chemistry	Geochemistry of Ganga Sediment and Ground-water Arsenic Mobilisation.	3 Years	I.F.C.P.A.R. (Indo-French Centre for the Promotion of Advanced Research	**Rs. 8,46,000.00**
2.	Prof. R. N. Bhattacharyya, Dept. of Economics	CPR Institutions of West Bengal : An Analysis of Environmental Economy Interface.	3 Years	I.G.I.D.R. (Indira Gandhi Institute of Development Research)	**Rs. 6,67,000.00**
3.	Prof. R. N. Bhattacharyya, Dept. of Economics	Economics and Institutions for sustainable use of Coastal Wetlands : A study of India and Bangladesh.	3 Years	I.C.R.I.E.R. (Indian Council for Research on International Economic Relations)	**US $ 59,500** @Rs.45/- Rs. 26,77,500/-
4.	Dr. Partha Pratim Sarkar, USIC	Broad Band Frequency Selective Surface.	2 Years	A.I.C.T.E.	**Rs.9,00,000**
5.	Dr. S. Chakraborty, Dept. of Computer Sc. & Engg.	Fault Diagnosis and in system on chip.	2 Years	A.I.C.T.E	**Rs.5,00,000**
6.	Dr. Chirantan Neogy, Dept. of Physics	Superconductivity Programme.	5 Years	U.G.C.	**Rs.18,70,000.00**

7.	Prof. S. C. Santra, Dept. of Environmental Science	Studies on the Sunderban Mangrove Algae with special reference to their community structure, Phenology and utilisation potentialities.	3 Years	U.G.C.	**Rs. 4,44,890.00**
8.	Prof. Dilip Mukherjee, Dept. of Zoology	Epidermal growth factor family in the regulation of rat endometrial function : EGF and TGFa – stimulated cyclooxygenase activity and production of prostaglandin in uterine endometrial cells in Vitro.	3 Years	U.G.C.	**Rs. 6,19,500.00**
9.	Prof. C. R. Sahu, Dept. of Zoology	Evaluation of pesticide intoxication in check development and toxicity amelioration by various diet amendments.	3 Years	U.G.C.	**Rs. 5,50,060.00**
10.	Dr. Animesh Kr. Dutta Dept. of Botany	Induced cytogenetical exploration of Nigella Sativa (Block cumin) for the production of polyploids and also for development of reciprocal translocation and genetic Male sterile lines.	2 Years	U.G.C.	**Rs. 4,60,220.00**
11.	Prof. Sujata Choudhury Dept. of Botany	Exploitation of growth promoting substances of Lantana Camara for improvement in yield and other characters of some important crops.	3 Years	U.G.C.	**Rs. 5,42,960.00**

12.	Dr. A. Mukhopadhyay Dept. of Sociology	Risk and labour : concern for human sufferings in Small and Medium-scale Industries in Low and High performing Economies.	3 Years	U.G.C.	**Rs. 3,14,560.00**
13.	Dr. Tarakdas Basu Dept. of Biochemistry & Biophysics	Molecular mechanism of induction of heel-stock response on E.Coli by treatment with ethanol and other membrane perturbants.	3 Years	D.S.T.	**Rs. 13,32,517.00**
14.	Prof. C. R. Sahu Dept. of Zoology	Use of some ameliorative agents in the recovery of pesticidal effects of Demicron in developing chick embryos.	3 Years	D.S.T.	**Rs. 4,13,820.00**
15.	Prof. K. C. Majumder Dept. of Chemistry	Synthesis of Heterocyclic compounds and reaction mechanism.	3 Years	C.S.I.R.	**Rs. 7,46,000.00**
16.	Dr. Shital Chattopadhyay Dept. of Chemistry	Synthesis of naturally occurring Acyclic and cyclic peptides Biological interest.]	3 Years	C.S.I.R.	**Rs. 3,82.000.00**
17.	Prof. B. B. Jana Dept. of Zoology	Optimisation of pond fertilisation through microbial biogeochemical activities for sustainable Fish Production Phase-II.	3 Years	I.C.A.R.	**Rs. 10,09,808.00**

18.	Dr. Sajal Chakraborty Dept. of Biochemistry & Biophysics	Studies on oxidant mediated activation of Ca2 dependent proteases in Pulmonary vascular smooth muscle membrane.	3 Years	I.C.M.R.	**Rs. 3,35,000.00**
19.	Prof. C. K. Manna Dept. of Zoology	Efficacy of some herbal medicines used by the Tribal people and their impact in the control of Fertility.	3 Years	I.C.M.R.	**Rs. 2,08,760.00**
20.	Dr. D. Chatterjee Dept. of Chemistry	High Arsenic in ground water in West Bengal : Mechanism and mobilisation of Arsenic in W.B. and realistic approaches for in-situ remediation.	3 Years	Rajib Gandhi National Drinking water Mission	**Rs. 26,35,000.00**
21.	Prof. A. K. Biswas Dept. of Botany	Evaluation of Neem Germ Plasm of different Agro-climatic regions of eastern India for potential use as biocide against phytopathogenic microbes.	3 Years	N.A.B.A.R.D.	**Rs. 2,63,000.00** (Out of 5 Lakhs)
22.	Dr. Sajal Chakraborty Dept. of Biochemistry & Biophysics	Studies on the Mechanisms of Oxidant-mediated Ca2+release from microsomes of Pulmonary vascular smooth muscle.	3 Years	DRDO [Life Sciences Research Board, Ministry of Defence, Govt. of India]	**Rs. 19,05,000.00**

23.	Dr. Sajal Chakraborty Dept. of Biochemistry & Biophysics	Studies on signal transduction mechanism in oxidant induced alteration of Ca2+dynamics in microsomes of Pulmonary smooth muscles cells.	3 years	D.B.T	**Rs.30,62,000/-**
24.	Dr. Swati De Dept. of Chemistry	Flurimetric study of Serum Proteins and Heme proteins- Effect of Quenchers, Denaturants and Amphiphiles.	3 years	C.S.I.R	**Rs.2,52,667/-**
25.	Dr. Shital Chattopadhyay Dept. of Chemistry	Studies towards the synthesis of analogues of the novel Telomerase inhibitor Telomestatin.	3 years	D.S.T	**Rs.18,82,320/-**
26.	Prof. Samiran Chakraborty Dept. of Zoology	Identity of heteroecious aphids (Homoptera: aphifidoe from India.	3 years	U.G.C.	**Rs.4,18,000/-**
27.	Prof. B. B. Jana International Centre of Ecological Engineering	Development of Socio-economic status of the SC and ST populations in villages of West Bengal through propagation of the culture of some threatened and ornamental species of fish.	3 years	D.B.T.	**Rs.21,15,000/-**
28.	Dr. Tarakdas Basu Dept. of Biochemistry & Biophysics	Molecular Mechanism of DNA Entry into E.Coil cells during its Artificial Transformation.	3 years	D.B.T.	**Rs.16,83,600/-**

29.	Dr. P. K. Bandyopadhyay Dept. of Zoology	Identification, pathobiology and Control of some dreaded protozoan poultry diseases of West Bengal.	3 years	D.S.T.	**Rs.16,92,000/-**
30.	Dr. Soma Mukherjee Dept. of Environmental Science	Studies on transition metal chemistry via design of unnatural amino Acids: Synthesis, Characterization, Reactivity and Magnetic studies.	3 years	D.S.T.	**Rs.10,32,000/-**
31.	Dr. Surajit Chattopadhyay Dept. of Chemistry	Mono and polynuclear complexes of heavier transition metals incorporating Ligands with extended delocalization. A search for new electron transfer centers and photoactive materials.	3 years	D.S.T.	**Rs.18,91,507/-**
32.	Prof. A. R. Khuda Buksh Dept. of Zoology	An investigation for testing efficacy and mechanism of action of certain potentized homoeopathic drugs in combating artificially induced hepatocarcinoma in mice and rats.	3 years	AYUSH [Ministry of Health & Family Welfare, Govt. of India]	**Rs.17,13,000/-**

33.	Dr. Sajal Chakraborty Dept. of Biochemistry & Biophysics	Protein kinase C-mediated activation of $Ca2^{+}$ dependent phospholipase A2 in pulmonary vascular smooth muscle cells under oxidant simulation: Role of camp, cGMP and pertussis toxin sensitive protein.	3 years	I.C.M.R.	**Rs.5,32,800/-**
34.	Prof. B. B. Jana International Centre of Ecological Engineering	Hazard Analysis and risk assessment of fishes grown in sewage-fed ponds for in situ development of strategies for improved treatment system and waste water-fed aquaculture practice.	3 years	C.S.I.R.	**Rs.7,00,000/-**
35.	Dr. Sajal Chakraborty Dept. of Biochemistry & Biophysics	Studies on signal transduction mechanisms in oxidant induced alteration of Ca^{+} dynamics in microsomes of pulmonary smooth muscle cells.	3 years	C.S.I.R.	**Rs.4,50,000/-**
36.	Dr. Kumaresh Ghosh Dept. of Chemistry	Molecular Recognition : Design & Synthesis of Model Receptors for carboxylic Acids.	3 years	C.S.I.R.	**Rs.2,32,000/-**

37.	Dr. Sajal Chakraborty Dept. of Biochemistry & Biophysics	Role of signal transduction mechanisms in regulating cPLA2 activity by the calcium ionophore A23187 in pulmonary endothelium.	3 years	C.S.I.R.	**Rs.2,32,000/-**
38.	Prof. A. R. Khuda Buksh Dept. of Zoology	A comprehensive study on arsenic toxicity and its amelioration by administration of ultra-low doses of homeopathic drugs.	3 years	BOIRON LAB, Lyon, France	**80,000 Euro @ Rs. 54/= Rs.43,20,000/-**
39.	Prof. P. D. Ghosh Dept. of Botany	Somatic Embrayogenesis & analysis of somaclonal variants in Cymbopogon martini and Cymbopogon flexuosus using Cytogenetic and molecular approaches (RAPD analysis).	3 years	U.G.C. (MRP)	**Rs.5,42,600/-**
48.	Prof. Dilip Mukherjee Dept. of Zoology	LH/HCG receptor gene expression in mouse uterus and its relevance in steroid hormone and prostaglandin synthesis.	3 years	D.S.T.	**Rs.19,86,702/-**

5.7 UNIVERSITY OF NORTH BENGAL (1962)

The University of North Bengal was established by an Act of the Legislature of West Bengal in 1962 and assigned the mandate of providing teaching, training and research in various branches of advanced learning and promoting the dissemination of knowledge to fulfill growing socio-economic and technical manpower needs in the six North Bengal districts and the neighboring state of Sikkim. The University occupies an area of about 330 acres and is situated at a distance of 9 km from Siliguri and 4 km from Bagdogra Airport in the Terai region of Darjeeling District. The University Act was amended by the West Bengal Act of XXV of 1981, which came into force with effect from September 16, 1981.

5.7.1 Postgraduate and Postgraduate Diploma / Diploma Courses in the Faculties of the University.

(i) FACULTY OF ARTS, COMMERCE AND LAW

M.A. in Bengali, English, Nepali, Hindi, Economics, Philosophy, Sociology, Political Science, Geography & Applied Geography,

M.Com., LL.M.,

Adult and Continuing Education, Extension & Field Outreach.

* M.B.A.
* Post Graduate Diploma in Marketing Management / Tourism & Hotel Management / Environmental Law.
* Diploma in Museum Studies.

M.Phil. in Political Science, History , Philosophy, Nepali, Himalayan Studies, Economics, B.Lib. & Information Science (1 yr.)

LL.B. Hons. (5 years).

'*' means self-financed Courses.

(ii) FACULTY OF SCIENCE

M.Sc. in Botany, Chemistry, Computer Science & Application, Mathematics, Physics, Zoology, Anthropology, Bio-technology, Computer Science.

M.C.A.

* Post Graduate Diploma in Tea Management/ Disaster Management./Information Technology
* B.B.A./B.C.A.
* M.Phil. in Remote Sensing & GIS.

'*' means self-financed courses.

(iii) FACULTY OF MEDICINE

D.O. and M.D. courses (2 years) in Anatomy, Physiology, Community Medicine, Anaestheology, Pathology are conducted in the North Bengal Medical College.

5.7.2 CENTRES IN THE UNIVERSITY

(i) Centre for Himalayan Studies, (ii) Centre for Life Science, (iii) Centre for High Energy & Cosmic Ray Physics, (iv) Centre for Development Studies, (v) Centre for Women's Studies, (vi) Centre for Remote Sensing Applications, (vii) University Science Instrumentation Centre, (viii) Computer Centre, (ix) Centre for Studies in Local Languages & Culture, (x) Centre of Distance Education and (xi) Information Technology Centre.

5.7.3 UNDERGRADUATE COURSES

B.A./B.Sc./B.Com./B.Ed./B.Phy.Ed./B.B.A./B.C.A./B.Pharm. Course are conducted in the following affiliated colleges.

Types of Colleges	Number
General Degree Colleges	55
B. Ed. Colleges	10
Physical Education College	1
Law Colleges	2
Total	68

5.7.4 COLLEGES WITH P.G. COURSES

Name of the College	Subjects
Raiganj College (University College)	Bengali
Balurghat College	Bengali, M.Com.
Malda College	English, History
Darjeeling Govt. College	Botany, Zoology, Nepali
Ananda Chandra College	Bengali
Sikkim Govt. Law College	L.L.M.

5.7.5 (a) Distance Education Directorate offers M.A.(2 years) in English, Bengali, Nepali, History, Political Science, Philosophy & M.Sc.(2 years) in Mathematics and B.A.(3 years) in English, Bengali, Nepali, History, Political Science, Philosophy, Sociology & Education and B.Sc. (3 years) in Mathematics and bridge course (one year) in English, Bengali, Nepali, History, Political Science, Philosophy and Mathematics.

(b) Bachelor of Internet Science (3 yrs.), Bachelor of Software Systems (3 yrs.), PGDCA (1 yr.), PGDIT (1 yr.) and Diploma in multimedia technology (DMT - I yr.) are offered under off- campus distance education mode in authorized study centres across the districts of West Bengal in partnership with (Zee Network Education Group).

5.7.6 ON GOING RESEARCH PROJECT EXTRA MURAL RESEARCH (EMR) PROJECTS

Sl. No.	Title of the Project	Principal Investigator	Funding Agency	Total out-lay		Duration
				Recurring (Rs.)	Non-Recurring (Rs.)	
1.	Socio-economic uplifment and empowerment of women of backward rural community through backyard ornamental fish breeding and rearing management	Dr. Sudip Barat, Zoology	DBT	374000	630000	3 years w.e.f. 24.09.2004
2.	QPM MPs in Terai, Duars, Hill on North Bengal and Sikkim	Prof. A.P.Das, Botany	NMPB New Delhi	2000000	–	3 years w.e.f. 01.02.2005
3.	Synthetic Organic Chemistry	Prof. Basudeb Basu, Chemistry	CSIR	68387	–	5 years w.e.f. 15.07.2005
4.	Physico-Chemical Studies on Interactions between ION-SOLVENT, ION-ION and Solvent-solvant	Prof. Mahendra Nath Roy, Chemistry	CSIR	145000	–	4 years w.e.f. 20.01.2005

5.	Screening of antimicrobial and antioxidant activities of some selected herbs used as folk medicines in Darjeeling Hills	Prof. P.K.Sarkar, Botany	CSIR	249000	100000	3 years w.e.f. 01.04.2005
6.	Women's empowerment, good governance and decentralization : Assuring women's participation in Panchayats of two backward districts of Northern part of West Bengal	Dr. Dilip Kumar Sarkar, Controller of Examination	MHRD, GOI, Deptt. of Women and Child Develop-ment	–	192850	10 months by 07.12.05
7.	Solution properties of Sodium Carboxymethe-lcelulose in acetonitrile-water mixed solvent media	Dr. Bijan Das, Chemistry	CSIR	125665	–	5 years w.e.f. 04.03.2005
8.	Analysis of the immunotherapeutic response of turmeric extract towards malignancy, taking both lumcells and lymphocytes as targets	Prof. Ashim Kumar Chakraborty, Centre for Life Science	ICMR	208200	480000	3 years w.e.f. 15.02.2005 to 14.02.2008
9.	Garden of Medicinal plants in the Campus of North Bengal University	Prof. A.P. Das, Botany Sri M.U.Alam, DAEEFO	DST, Govt. of West Bengal	377200	–	2 years w.e.f. 14.03.2005
10.	Synthesis of new organotin (IV)2, derivative(s) and evaluation of antitumor activity	Dr.T.K.Choudhuri, Zoology	DST New Delhi	540000	696000	3 years w.e.f. 30.06.2005 to 29.06.2008

11.	Demonstration of block level GIS and capacity building for development planning in Jalpaiguri district	Dr. Subir Sarkar, Geography & Applied Geography	DST New Delhi	9,48,000	1410280	2 years w.e.f. 05.01.06
12.	"Detection and Induction of Defense Enxymes in tea Plants"	Dr. Aniruddha Saha,Botany	CSIR	4,59,000	60,000	3 years w.e.f. 02.05.2006

5.7.8 Major Highlights during 2006-2007

(a) The University introduced the following courses on Self-financed basis during 2005-06.

1. M.A. in Strategic & Area Studies in the Centre for Himalayan Studies.
2. Master in Library & Information Science (1 year) in the Department of Library Science.
3. M.Sc. in Microbiology in the new Department of Microbiology.
4. P.G. Diploma in Mass Communication and Video Production in partnership (MOU) with Ritwick Academy, Kolkata.

(b) A Telephone Exchange of BSNL has been installed in the campus whereupon all the telephone numbers have been changed (the first four digits have changed to 2699 and the last three digits remain unchanged).

(c) The University applied to the NAAC for Re-accreditation and submitted all documents for the same. The visit will take place during April 4- 7, 2006.

5.8 VIDYASAGAR UNIVERSITY (1981)

The University was established on 29th September 1981 under the Vidyasagar University Act 1981 (West Bengal Act VIII of 1981). It has been named after Pandit Iswar Chandra Bandyopadhyay, known as Vidyasagar, the great educationist and social worker of Bengal. The Vidyasagar University was established with a mission to serve the society through development of Higher Education. Moreover, this university intends to serve the local needs depending on ethnic, socio-cultural and geographical factors and at the same time, the demands of mainstream education. The University logo with the motto "Education, Knowledge, Progress" embodies the mission stated above.

The campus of the university has an area of 182.75 acres (the main campus measuring 103.79 acres, the residential campus 35.09 acres and the third campus 43.97 acres to be developed as the Centres of the University).

The university is an affiliating one with its jurisdiction extending to the limit of Midnapore District or any District, which may be created in future out of any part thereof. Thirty colleges of Calcutta University within the District of Midnapore were initially deemed to have been affiliated to Vidyasagar University after ceasing to be affiliated to that university. Thereafter, a few colleges were established and affiliated to this university, taking the total number to 46. The figure includes three Law Colleges (one at Midnapore town, one at Haldia and another at Sarsuna, Kolkata) and 4 para-medical colleges, 2 Govt. colleges and 2 Girls' Colleges.

5.8.1 THE UNIVERSITY AT A GLANCE :

1.	No. of Affiliated Colleges and Institutes : (i) For Girls (ii) Professional (B. Ed) (iii) Paramedical	46 02 02 04
2.	Teachers Total : (i) University (Sanctioned) (ii) Colleges (Sanctioned)	1135 117 1018
3.	Area of the Campus in Acres : (i) Main Campus (ii) Residential Campus (iii) Third Campus (To be developed for Centre)	182.75 103.74 35.04 43.97

4.	University Officers (Sanctioned)	23
5.	Non-teaching Staff (i) University (sanctioned) (ii) Directorate of Distance Education	132 + 10 (for DDE) 132 10
6.	Students Enrolment (i) Ph. D. (ii) Postgraduate (1st Year) [2004-2005] (iii) Undergraduate (iv) Distance Mode (Bridge, Masters)	 60 1350 : M-782, F-568 57337; M-38166, F-19171 7600
7.	No. of Exam. Conducted	08
8.	No. of Faculties	02
9.	No. of Board of Studies & Meetings held during this period (a) Postgraduate (b) Undergraduate	 55 113
10.	University Library Books Journals (Back Vols.)	 66539 2614

5.8.2 POST-GRADUATE DEPARTMENT

FACULTY OF ARTS & COMMERCE

Departments : 1. Bengali; 2.Commerce with Farm Management, 3. Economics with Rural Development; 4. English; 5. History; 6.Library and Information Science; 7.Philosophy and Life-world; 8. Political Science with Rural Administration.

FACULTY OF SCIENCE :

Departments : 1. Applied Mathematics with Oceanology and Computer programming; 2. Anthropology; 3.Botany and Forestry; 4.Chemistry and Chemical Technology; 5. Computer Science; 6. Geography and Environment Management; 7.Human Physiology with Community Health; 8. Physics and Techno-Physics; 9.Zoology; 10. Electronics; 11. Microbiology

5.8.3 Other Post-Graduate Courses : B.Tech. Course; M.Sc. etc.

B.Tech Courses : i) Chemical Engineering, ii) Computer Engineering , iii) Instrumentation Technology

M.Sc. Courses : i) Geography with Environment Management, ii) Microbiology, iii) Electronics, iv) Botany & Forestry (Distance Mode), v) Physics & Techno physics (Distance Mode)

M. A. Courses in Distance Mode : i) Bengali, ii) English, iii) History, iv) Political Science, v) Commerce

M.B.A. Course : i) Master of Business Administration

M.C.A. Course : i) Master of Computer Application

5.8.4 COLLEGES WITH DETAILS OF VOCATIONAL COURSES :

1.	Belda College	Office management & Secretarial Practice
2.	Egra S. S. B. college	Office management & Secretarial Practice
3.	Jhargram Raj College	Functional English
4.	Mugberia C. Mahavidyalaya	Tax Procedure & Practice
5.	Panskura Banamali College	Office Management & Secretarial Practice
6.	Raja N. L. Khan Mohila Mahavidyalaya	Sericulture
7.	Ramnagar College	Industrial Fish & Fisheries
8.	Sabong Sajanikanta Mahavidyalaya.	Industrial Fish & Fisheries
9.	Seva-Bharati Mahavidyalaya	Seed Technology
10	Y. S. Palpara Mahavidyalaya	Computer Application
11.	Hijli College	(i) Office Management & Secretarial Practice (ii) Computer Application
12.	Subarnarekha Mahavidyalaya	Tax Procedure & Practice
13.	Chandrakona Vidyasagar Mahavidyalaya	Computer Application
14.	Kharagpur College	Advertising, Sale Promotion & Sales Management
15.	Bajkul Milani Mahavidyalaya	Automobile Maintenance

16.	Sitananda College (Nandigram)	Industrial Fish & Fisheries
17.	Garhbeta College	Office Management & Secretarial Practice
18.	Mahishadal Raj College	Industrial Chemistry
19.	Moyna College	(i) Agro-Service (ii) Functional English
20.	Prabhat Kumar College	Industrial Fish & Fishery
21.	Pingla Thana Mahavidyalaya	Principles and Practice of Insurance
22.	Haldia Govt. College	Tourism and Travel Management
23.	Midnapore College	Instrumentation
24.	Tamralipta Mahavidyalaya	Tax Procedure & Practice
25.	Khejuri College	Agro-Service

5.8.5 FACULTIES AND DEPARTMENTS

POST GRADUATE COURSES :

FACULTY OF ARTS & COMMERCE :

1. Bengali, 2. Commerce with Farm Management, 3. Economics with Rural Development, 4. English, 5. History, 6. Library and Information Science, 7. Philosophy and Life–World, 8. Political Science with Rural Administration.

FACULTY OF SCIENCE :

1. Applied Mathematics with Oceanology and Computer programming , 2. Anthropology, 3. Botany and Forestry, 4. Chemistry and Chemical Technology, 5.Computer Science, 6. Geography and Environment Management, 7. Human Physiology with Community Health, 8. Physics and Techno-Physics, 9. Zoology.

OTHER COURSES :

A. B.Tech. Courses : (i) Chemical Engineering , (ii) Computer Engineering, (iii) Instrumentation Technology.

B. M. Sc. Courses : (i) Electronics, (ii) Microbiology.

C. Master of Computer Application

D. Master of Business Administration.

5.8.6 MAJOR HIGHLIGHTS DURING 2006-2007

- The University has extend affiliation to Kharagpur College for conducting 2-Year Postgraduate Course in Bengali from the session 2005-2006.
- The Department of Economics with Rural Development organized the University Grants Commission sponsored Refresher Course on "Decentralisation, Planning and Participatory Development".
- A Pilot Research Project offered by the State Land Use Board, Department of Development and Planning, Government of West Bengal has been accepted by the Department of Economics with Rural Development of the University to conduct pilot survey and to report on the potential of improvement of land use and cropping pattern in the laterite western part of West Bengal.
- The Department of Bio-Medical Laboratory Science & Management conducted a National seminar on Bio-Medical Laboratory Science taking funds from UGC, DST & ICMR.
- The Department of Bio-Medical Laboratory Science & Management is going to start condensed MLT Course for the PGDLT students of the University.
- The Department of Philosophy and the Life-World organized the University Grants Commission sponsored Refresher Course on Ethics and Social Philosophy.
- Establishment of new three P.G. departments of Vidyasagar University viz. Sanskrit, Sociology and Bio-Medical Laboratory Science & Management.
- Postgraduate courses of Sanskrit and Chemistry has been introduced under distance mode.
- As approved by the Executive Council as well as the COURT the P.G.Courses in Sociology and Sanskrit has been introduced at this University from the session 2005-2006.
- 23 Nos. (07 + 16) of students of the department of Aqua-culture Management & Technology have been screened for placement and trainee through campus interview. The trainee students will get placement after completion of final Part-II examination.
- A Digital Image Processing (DIP) and Geographic Information System Lab set up primarily with FIST/DST/Govt. of India by the Department of Geography and Environment Management which does not have a parallel in any University of West Bengal.
- 80% of the students from the Department of Chemistry and Chemical Technology of the University are qualified in UGC/CSIR/NET Examination every year.

5.9 NETAJI SUBHAS OPEN UNIVERSITY (1997)

Netaji Subhas Open University was established by an Act of the State Government (Act XIX of 1997) on the occasion of birth centenary of Netaji Subhas Chandra Bose. The main objective of this Open University has been to provide higher education opportunities to those who can not pursue higher education due to socio-economic, inaccessibility or other limitations.

The headquarters of the University is housed in a historic building originally owned by Sarat Chandra Bose, a freedom fighter and an elder brother of Netaji Subhas Chandra Bose. Now the University is going to offer its various courses outside the State of West Bengal.

The University at present operates through 142 Study Centres in different colleges covering enrolled students of 69,000 of 15 Programmes in 55 courses.

VISION :

Netaji Subhas Open University, the State University of West Bengal, will contribute to the building up of quality human resource base of the State and collaborate with other Open Universities of the National and State level towards the improvement of the quality of distance education and to promote and develop appropriate technology to create the distance education scenario of an international standard in our country keeping in view of the demands of the knowledge seekers for education appropriate to the twenty first century.

MISSION :

To spread higher education in different parts of the State and to cooperate with Universities to provide access to higher education and to different skill enhancing educational programmes Netaji Subhas Open University shall :

- provide quality education in flexible mode to serve the arm of establishing an equitable knowledge Society within the State.
- provide higher education through distance learning through the language of the State, i,e. Bengali.
- make education affordable to disadvantaged.
- provide facility for lifelong education to the intending learners.
- strive for upgradation of technology without compromising the basic values of the society.
- contribute to the development of the State and the nation and motivate learners to strive for secular, scientific and democratic education.

ROLE OF STUDY CENTRES :

The University through 142 study centres runs B.P.P (Bachelor Preparatory Programme), B.D.P (Bachelor Degree Programme -Arts, Commerce and Science), Post Graduate Degree Courses (Arts, Commerce and Science) Post Graduate Diploma, Certificate Courses and Vocational and Professional/ Management Courses.

NETAJI SUBHAS OPEN UNIVERSITY HAS INTRODUCED THE FOLLOWING COURSES :

(a) **Undergraduate Courses** (Arts) : Bengali, English Language, History, Political Science, Sociology , Economics and Public Administration. (Science) : Mathematics, Physics, Geography, Chemistry , Botany and Zoology Commerce.

(b) **Post Graduate Degree Courses** :- Bengali, English, English Language Teaching, Political Science, Social Work, Public Administration and History Commerce Mathematics, and MCA

(c) **Post Graduate Diploma Courses**:- Co-operation, Journalism and Mass Communication, Public Relations Advertising.

(d) **B.Ed. (Special Education)** for Mental Retardation and Hearing Impairment in collaboration with RCI.

(e) **BLIS** (Bachelor Degree in Information and Library Science).

(f) **Diploma Courses** :-Entrepreneurship Development and Business Management, Medical Laboratory Technology, Yoga therapy and Physiotherapy, Basic Photography, Advanced Photography.

(g) **Certificate Courses** :- Preparatory Teachers Training (Professional courses) English for Communication, Bengali Language and Human Rights.

(h) **Vocational Courses** (i) Tailoring and Dress Designing related Courses, (ii) Electrical and/ Electrical related Courses, (iii) Automobile related Courses,(iv) Information Technology related courses, (v) Agriculture related courses,(vi) Art & Craft related courses,(vi) Fitting and Plumbing related courses.

(i) **M.Phil Course in Education** in collaboration with IASE, David Hare Training College.

(j) **Degree of Doctor of Philosophy** in Arts, Science, Commerce, Management, Computer Science, Distance Education and Interdisciplinary subjects.

(k) **M.B.A.** : This is one of the popular Courses of the School of Humanities and Social sciences is the Management programme at the completion of which the students will be awarded the MBA degree.

IMPORTANT DEVELOPMENT

MoUs have been signed between NSOU and the following Institutions for the purposes as mentioned below.

(i) **Chennai Mathematical Institute :** The premier Institute of Mathematics pioneered by the legendary Mathematician C.S.Seshadri F.R.S in an effort to provide the best opportunities to the students for interactive studies and research in Mathematics. It is indeed a previlege that CMI has come forward with the scheme of scholar Exchange Programme with Netaji Subhas Open University.

(ii) **M.S.Swaminathan Research Foundation, Chennai** under the initiative of eminent Agricultural Scientist Professor M.S. Swaminathan, Chairman of the Foundation for carrying out a programme for rural uplift by the application of ICT Techniques.

(iii) **Rehabilitation Council of India** for B.Ed (Special Education) Course to serve the Disability Sector.

(iv) **CARE Foundation :**

Netaji Subhas Open University in collaboration with CARE Foundation will launch the following courses from the academic year 2005-2006. The courses identified are :- (i) 3-year Physician Assistant Post Graduate Diploma Course, (ii) 3- year Nurse Hospital Administrator M.Sc. Course.

(v) **3-year Cardiovascular Nursing Post graduate Diploma Course**

A MoU between Netaji Subhas Open University and CARE Foundation was signed on 09.12.2005 to start the courses at CARE Hospitals, Hyderabad.

Commissioning The Digital Reception system :

All arrangements have been made for commissioning the digital reception system in KU Band for downlinking Gyan Darshan educational T.V. Channel of India at our twelve study centres. Keeping pace with the advancement of the ICT in propagating and strengthening the ODL System, the venture will add to the activities of the University.

EDUSAT : The works relating to the installation and commissioning of VSAT for ISRO under EDUSAT Project has already been completed.

Video Conferencing Facilities :

A video Conferencing Unit was installed at our Salt Lake Campus for facilitating the development of ODL through the virtual mode and helping this region catch up with the developments in virtual education taking place elsewhere in India and abroad. This network, expected to be widened soon will serve as a launch pad for future expansion and integration.

On- Line Bangla :

Netaji Subhas Open University in collaboration with the Central Institute of Indian languages, Mysore, launched its On-Line Bangla Course. This web based course designed for the virtual mode is carefully crafted to suit the varied needs of learners interested in learning Bangla Language not only in other parts of India but also in the huge Bengali diaspora abroad.

Interactive Radio counselling :

Apart from GYAN VANI F.M., NSOU broadcasts programmes on different subjects on the 4th Sunday of every month through All India Radio concentrating on the electric assortment of Awareness Programme, Support Services, Special programmers of National importance.

Seminars/Conferences/Memorial lectures :

As usual there has been a spate of activities, Seminars, Symposium, workshops, Conferences and Memorial lectures round the year. A few of these are illustrated in brief :-

Scholarship : Post graduate students and students studying vocational courses are entitled to SAF-Madanjit Singh scholarship on fulfillment of certain eligibility criteria.

5.10 THE WEST BENGAL UNIVERSITY OF TECHNOLOGY (2000)

The West Bengal University of Technology (WBUT) has entered in the Seventh year of its functioning since it came into operation formally with the assumption of office of the first Vice-Chancellor in the month of January 15, 2001 as a sequel to the promulgation of THE WEST BENGAL UNIVERSITY OF TECHNOLOGY ACT, 2000, under the West Bengal Act XV of 2000 passed by the West Bengal Legislature.

VISION

The vision of the University is to provide an equal opportunity, affirmative action and not to distinguish on the basis of gender, caste, creed and religion. The University wants to grow nurturing innovative/ novel ideas that would touch all segments of the society especially the marginalized ones. It looks at the technology from a broad social perspective and are organizing postgraduate courses in basic and applied sciences with interfaces to social sciences. The University has introduced new courses in emerging areas to develop, enhance and strengthen the country's position in research and higher education. The motto of the University is to strive for optimum utilization of resources and believe in unleashing individual initiative for enterpreneurial development without compromising the collective need.

The University is steadfastly proceeding towards its twin objectives :

a) to serve as a Centre of Excellence in teaching and researching in technology and management area - and

b) to provide framework of industrialization based on knowledge economy.

MISSION OF THE UNIVERSITY

- To create awareness in key areas of environmental science, conservation of energy and resource, information technology and biotechnology;
- To organize countinuing education programmes for updating the khowledge and skills of working professionals;
- To organize and other consultancy to industry and organizations' assistance;
- To undertake such other activities as may be necessary to fulfuill the mission of sustaining the merging areas of Science and Technology.

- In the academic year 2006-07 the University organized a reckonable number of Seminar and workshops both at regional and national level in the field of Basic Science, Engineering and Technology. The eminent scholars and educationist took part in those Seminars and Workshops. The fist "Acharya Jagadish Chandra Bose Memorial Lecture" was organized in the University Campus on 21st February, 2007. The lecture was delivered by Sir Gregory Winter of Cambridge University, a pioneer of therapeutic monoclonal antibodies and inventor of techniques to fully humanise antibodies for therapeutic uses.

To realize its mission of emerging as a Centre of Excellence the University has created three Schools of Studies viz. School of Information Technology (SIT), School of Biotechnology (SBT) and School of Management (SOM) comprising, presently, five departments, viz., Department of Information Technology, Department of Computer Science and Engineering, Department of Biotehnology, Department of Bioinformatics and Department of Natural Science, Humanities and Management.

SPECIAL FEATURES

The teaching staff of University includes, besides the core faculty, visiting faculty, adjunct faculty members and distinguished visitors from the industry and frontline academic and research institutes of the country and abroad.

The basic objective of the University shall be to organize undergraduate courses of study in Engineering and Technology, specially in emerging areas. The University in the academic year 2006-07 affiliated 105 institutions spread over in the 15 districts of the State of West Bengal. Postgraduate study and research is being carried out for the grooming of Scientists, Engineers and Technologists. In this venture our affiliates are our cherished partners. The University is continuously seek new partners in excellence be it industry or other institutions of higher learning. The University has intimate and collaborative linkages with national and international research institutes, universities and the industries.

The affiliated colleges enjoy finanical autonomy from the beginning. They also enjoy substantial autonomy in academic matters. They can suggest establishment of elective papers, frame their syllabus and get it ratified by the University Academic Council at UG level. At PG level some of the selected colleges directly offer PG programmes.

MANPOWER POSITION :

Faculty (Sanctioned Posts)	–	34
Presetn position (filled up)	–	20

Officer (Sanctioned)	–	10
Officer (filled up)	–	3
Non-Teaching staff	–	55
Non-Teaching staff (filled up)	–	47

EVALUATION :

In the academic year 2006-07 the results of even semester examination held in June'06 and for odd semester examination held in December '06 were as follows :

	In the even semester examination June, 2006	**In the odd semester examination December, 2006**
Students appeared :	52,302	63,432
No. of students passed	47,413	58,353
Percentage of pass	90.65%	92%

The University conducts the JEMAT examination for the admission in the MBA course in different Universities, Colleges (affiliated to the WBUT). In the year 2006, the JEMT-2007 examination was also counducted by West Bengal University of Technology the result of which was as under :

No. of Candidates	2626 (approx)
GD/PI	1392
No. of students called for counselling	1032
No. of students appeared in counselling	500 (approx)

The Common Entrance Test (CET) for the first-degree professional courses viz. BBA, BCA, B. OPTM etc. is also being conducted by this University and in the year 2007 also the said examination took place the result of which was as under :

7,800 (approx) candidates appeared

7,500 (approx) qualified

THE LIBRARY OF THE UNIVESITY

The University has established a Digital Library in collaboration with L2C2 Technologies. It involved an upgradation of a Library Management software KOHA to a truly Digital Library Management Sofware. The LIbrary remains open for 14 hours a day on weekdays and 12 hours on Saturdays, Sundays and Holidays. The 'Earn While You Learn' system is still in vogue for the students. Under this scheme the students can earn @ Rs. 50 per hour for a maximum of 25 hours in a month. The Library has now in its possession the following number of title books, e-books, e-journals and journals. The details are as under :

1)	Total no. of Books in the Library	-	10,564	Nos
2)	Total titles of Books	-	4,148	"
3)	e-books	-	13,500	"
4)	e-journals	-	2,083	"
5)	Journals	-	117	"
6)	Total terminal	-	20	"
7)	Server (Functional)	-	05	"

SCHOOL OF INFORMATION TECHNOLOGY

The School of Information Technology consists of the twin departments of Computer & Engineering and Information Technology.

The Department of Information Technology : This department is offering and undergraduate course leading to B.E. Degree in Information Technology and two Post Graduate Course as follows :

1. M. E. in Information Technology
2. M. Tech. in Software Engineering

The Department of Computer Science & Engineering : The department is presently conducting two Post Graduate Courses as follows :

1. M. E. in Computer Science & Engineering
2. Post Graduate Diploma (P. G. Dip.) in Embedded Computer Systems

The School of Information Technology offers Ph. D. Programmes in various areas of Information Technology and Computer Science & Engineering.

INDUSTRY INSTITUTE PARTNERSHIP AND RESEARCH ACTIVITIES IN THE SCHOOL OF INFORMATION TECHNOLOGY DURING THE YEAR 2006-07

A reconfigurable Parallel DSP Processor :

Due to the rapid development of communication, video, medical imaging, high definition TV, there are high demands for high performance and cost effective DSP processor. Keeping this in view WBUT took up this challenging project. The research has been made possible by the interest and support provided by the ESP microDesign Inc. a start up company at Kutztown, Pennsylvania, U.S.A. The aim of the company is to commercialize a remarkable new parallel digital processor with fully supporting design tools and platform.

ON GOING PROJECT UNDER COMPUTER SC. & ENGINEERING DEPTT.

Title : Online Bangla Handwriting Recognition.

Funding : AICTE

Scheme : AICTE RPS (a)

EDUSAT

The University took decisions in its meetings of both Executive Council and Academic Council to install SITs in its affiliated Colleges/Institutes. The background of taking such decision was to interact amongst the students/faculty/scholars/Researchers on various topics/subjects through this SIT.

The Ministry of Human Resource Development (MHRD) in collaboration with the Indian Space Research Organization (ISRO), has launched a major project in September 2004 for enabling satellite communication network for supporting extensive outreach of quality education at all levels through the EDUSAT, a dedicated satellite for education.

EDUSAT COVERAGE

EDUSAT coverage includes –

- 5 Spot Beams in Ku Band (cover all states in India excluding Andaman and Nicober)
- 1 National Beam in Ku Band (cover Indian sub-continent including Pakistan and Bangladesh)
- 6 National Beams in Ext C Band

Regional beam network includes –

- Minimum 1 Hub/each state.

- Each Hub can handle maximum 8 networks with 1.2 Mbps data rate.
- Each network can have 500 SITs (max)
- Unlimited numbers of ROTs. With solar powered option.
- The return channel will have 512 kbps data rate with 20% active SITs.
- 4 SITs can have video conferencing in a batch of 2 with data rate of 384 kbps (can be augmented to 1 Mbps)

EDUSAT UTILIZATION IN WBUT

The first meeting of the state level one committee for 'EDUSAT' was held on 22nd September 2005. WBUT is associated with this project from the beginning.

WBUT has subscribed 3.75 crores for installation of 102 SIT (Satellite Interactive Terminal) in its 102 affiliated colleges. This also include the teaching end at WBUT premise.

WBUT teaching end and SITs will use the regional hub (of eastern spot beam) at Raoopkala Kendra for transmission of the classes that will be organized at WBUT teaching end. Students at all SITs will be able to participate in those classes/seminars in interactive manner.

SCHOOL OF BIOTECHNOLOGY

The School of Biotechnology consists of two departments viz. the Department of Bioinformatics and the Department of Biotechnology. This school has several teaching programmes viz.

1. M. Tech. in Biotechnology
2. M. Tech. in Bioinformatics
3. Post - B. Sc. Integrated Ph. D. in Bioinformatics
4. Post - B. Sc. Integrated Ph. D. in Molecular Biology

DEPARTMENT OF BIOINFORMATICS

WBUT has realized the need for introducing teaching and research programme in bioinformatics in addition to the biotechnology programme. In fact the University is already running four-semester M. Tech. as well as five-year Post-B.Sc. Integrated Ph. D. programme in Bioinformatics. These courses are becoming increasingly popular from the point of view of job opportunities. In fact the B. Tech programme of WBUT under the School of Information Technology also includes bioinformatics as a part of teaching curriculum.

UNIVERSITIES

The teaching and research programme in bioinformatics is one of the thrust areas at WBUT. During the last 50 years, since the developement of modern biology based on protein and DNA structures, there has been an amazing increase in molecular and genetic information. Creation and handling of crystal data bases for huge molecular and genetic information. Creation and handling of crystal data bases for huge molecules like proteins and DNA are of utmost importance today. Since the unfolding of genetic information in the human genome in recent years, data management has reached new dimensions altogether. The discipline of Bioinofrmatics encompasses not only structural database analysis but also other aspects like rational drug design, QSAR, phylogenetic studies etc.

LIST OF SOME ONGOING RESEARCH PROJECTS

DEPARTMENT OF BIOTECHNOLOGY

The Department of Biotechnology was established in 2003 with a view to develop a Centre of Excellence for education and research in biotechnology. In so doing, a four-semester AICTE - approved M. Tech. Programme in Biotechnology was started with students qualifying in the All India level Joint Entrance Examination (JEE) conducted by Jawaharlal Nehru University, New Delhi. In fact the M. Tech, programmes in biotechnology at WBUT and at Anna University, Chennai are the only two programmes in the country supported by the Department of Biotechnology, Govt. of India. The department also runs a post - B.Sc. five-year Integrated Ph. D. program in Molecular Biology - students admitted are eligible for award of a University Fellowship of Rs. 4000/- per month (subject to certain Conditions). The department has excellent laboratory infrastructure in all the major areas of biotechnology and molecular biology.

FOLLOWING ARE THE ONGOING FUNDED PROJECTS :

1. Title : Genetic Resource Management of East Calcutta Wetland.
   Funding : Department of Science and Technology, New Delhi
   Scheme : DST Fast Track Scheme for Young Scientist

2. Title : Ionizing radiation induced DNA DSB studies of methanogens isolated from East Calcutta wetland.
   Funding : UGC-DAE Consortium
   Scheme : UGC DAE CSR

3. Title : Trace element profiling of East Calcutta Wetland for phylogeny based growth condition prediction.
   Funding : UGC-DAE Consortium
   Scheme : Experiment programme at IOP, Bhubaneswar

4. Title : Development of sulphate reducing bioremediation package for Jaduguda Effluent discharge.
   Funding : DAE
   Scheme : BRNS

5. Title : Understanding the scopes of value added waste management through fisheries.
   Funding : Jointly by WBUT, India and EPRC, Bangladesh
   Scheme : Pre-Proposal Project

6. Title : Analysis of Microbial Population in urine from normal and UTI patients.
   Funding : Departmental (for project students)
   Scheme : Project for integrated Ph. D. in Molecular Biology

7. Title : Isolation of efficient SRB from East Calcutta Wetland.
   Funding : A CISR NET qualified JRF is working as the fund is yet to be transferred for this work from CSIR
   Scheme : CSIR-JRF

8. Title : Studies on Heavy ion irradiated metal induced radiation sensitization in *Bacillus subtilis.*
   Funding : IUAC-UGC
   Scheme : UFUP scheme

9. Title : Studies on nanocrystal formation in microbes undergoing Heavy ion irradiation. (Co-PI)
   Funding : IUAC-UGC
   Scheme : UFUP scheme

10. Title : Molecular investigation of heavy metal tolerance/hyperaccumulation in plants growing on the Uranium tailing ponds in Jaduguda Sanction no 2005/36/30/BRNS
    Funding agency : BRNS

11. Title : Investigating the molecular basis of heavy metal tolerance in Brassica juncea (Indian Mustard) using yeast as a functional model. Sanction no 38(1120)06/EMR-II
    Funding agency : CSIR

SCHOOL OF MANAGEMENT FOR ADVANCE STUDIES AND RESEARCH

The School of Management (SOM) has been set up by WBUT as a Centre for Advanced Studies and Research in Management. This school presently consists of the Department of Natural Sciences, Humanities and Management.

SOM propose to address the urgent need for a programme to develop and train management faculty in affiliated colleges by offering in Integrated Doctoral Programme in Management (M. Phil. / Ph. D.) and a Ph. D. Programme in Management.

Specifically keeping the management faculty in mind SOM will also offer refresher courses, workshops and seminars on a regular basis. Through these efforts, SOM will cultivated research activities in the area of management with a conscious effort develop an interdisciplinary approach. The link with industry will be maintained through regular consultancy services which will be offered by SOM to the corporate sector. Hence the activities of SOMK will benefit both the academic and corporate sector alike.

ONGOING RESEARCH PROJECT

Award of UGC Major Project grant (for 3 years) for research on "Functional Instability or Paradigm Shift – study of Indian finance Market"

Natural Science and Humanities are also part of the activities of this department. Besides research activities pursued by individual faculty, the department has several teaching programmes. Faculty of this department take part in teaching in present B. Tech and M. Tech Programmes. Two post B. Sc. Integrated Ph. D. Programmes in Physics and Chemistry are being conducted in this nodal centre, S. N. Bose Centre for Basic Sciences. Student are admitted into the Physics course through the national level JEST examination. So far, 5 students have registered for Ph. D. in Physics. In the next five years the department will work on the improvement of these courses. WBUT has also started a one year M. Phil course on "Material Science" from this academic year 2006-07 because of the importance of material science in the present day industrial environment throughout the world. The course will stress on the theory of polymer, ceramics and nano-materials and will also have laboratory experiments as well as research. The department has a plant to start a study centre in Chaos, Non-linearity and Complexity. A web page has been put up as a start www.wbutccr.org and experts are being contacted. Since the department has the relevant expertise, M. Tech. courses in Polymer and Material Science will be developed and research will be pursued in collaboration with other institutes.

Besides the website www.wbut.net the following websites for the specific field have been opened.

www.jemat.org

www.wbutcollegeinfo.org

www.wbutekta.org
www.wbutcet.org
www.wbutappraisal.org
www.wbutreview.org
www.wbutquestionbank.org
www.wbutcourse-affiliation.org
www.wbutccr.org
www.wbutregistration.org
www.wbutconvocation.org

EKTA INCUBATION CENTRE

TECHNOLOGY BUSINESS INCUBATOR – (TBI)

The Department of Science & Technology, goverment of India as a policy decision in the year 2000 established the concept of supporting the establishment of TBIs in Technology Institutions of Excellence.

The purpose of TBI is to nurture and facilitate 'Lab to Land' concept by supporting Incubates that have cutting edge technologies into transforming the same to commercial ventures, that would ultimately benefit civil society.

India is now poised to grow in the Domain of Knowledge that in turn would drive our economy. Obviously the knowledge we speak of has to be of a high order. Thus in integrating the Incubator to the Insititute must imbide Practice and Process to further high standards in academia resulting in at least a percentage of its pass-outs to bea part of Technology development leading to a COMMERCIALLY ACCEPTABLE Process and/or a Product.

5.11 THE BENGAL ENGINEERING AND SCIENCE UNIVERSITY, (2004)

Genesis

Established way back in 1856, as the Civil Engineering College, Calcutta; renamed as 'Bengal. Engineering College' in 1921 and elevated to the status of a 'Deemed University' in 1992; the University with its present name as 'Bengal Engineering and Science University, Shibpur' has come into being with effect from October 1, 2004. With a presence of nearly150 years, it is considered to be one of the pioneers of engineering education in India;

UNIVERSITIES

The University is located in a sylvan surrounding in the district of Howrah, on the bank of the river Hooghly and is adjacent to the famous Indian Botanic Garden. It is only a few minutes drive to the heart of Kolkata through the Vidyasagar Setu.

Academic Programmes

UG Programmes

The University offers UG programmes leading to B.E/B.Arch. degrees in nine branches namely Architecture, Civil Engineering, Computer Science & Technology; Electrical Engineering, Electronics & Tele-Communication Engineering, Information Technology, Mechanical Engineering, Metallurgical Engineering and Mining Engineering. Admission to UG programmes, is based on W. B. Joint Entrance Examination, Recently, a BBA programme has also been introduced.

PG Programmes

The University has the distinction of being the first institute to offer postgraduate degrees in various branches of engineering since 1953. The following postgraduate programmes are offered at present :

- Master's of Engineering/Technology in Civil, Electrical, Mechanical, Metallurgy; Computer Science and Technology, IT, Electronics and Telecommunication, Engineering Mechanics, Mining, Materials Engineering
- Master's in Town and Regional Planning (MTRP)
- Master's in Computer Application (MCA)
- Master's in Business Administration (MBA)
- Part time PG programme in Civil Engineering in specialized fields and Industrial Metallurgy
- Full time M.Sc programmes in Applied Physics, Applied Chemistry; Applied Mathematics and Applied Geology

The following autonomous schools have already been established to facilitate interdisciplinary PG activities :

- Purabi Das School of Information Technology
- School of Management Sciences

- Dr. M.N. Dastur School of Materials Science and Engineering
- School of Community Science and Technology

Ph.D. Programmes

Doctoral programmes have been an integral part of the University since 1954. With the institute's upgradation to University status, these are being further strengthened with increase in number of Fellowships.

Funded Research

R&D activities in the institute are financed by different national and international agencies. The major funding agencies include AICTE, DST, CSIR, DRDO, INTEL, NASA-USA and World Bank to name a few. The institute has always contributed to community technology development. Innovative research works done in-house have already led to the procurement of several patents.

Cutting edge research

Besides conventional fields, the University has brought many frontier areas of Science & Technology under the purview of its research activity in recent years, Some such areas are : VLSI and Embedded Systems. Nano science and Technology, Disaster Engineering, Cellular Automata, Bio-Mechanics, Fuel Cell Technology; Intelligent Motion Control etc.

Achievements

- The University successfully completed the prestigious IMPACT project sponsored by the World Bank.
- The Journal of Technology, a referred journal for publishing national and international research works in science and technology is being published since 1956.

Industry Academia Interaction : The University has successfully carried out research projects sponsored by leading organizations like Intel-USA, Fujitsu-USA, NORTEL- USA etc. Ministry of HRD, Govt. of India has delcared the university 'an institution of National Importance' along with Jadavpur University and three other reputed institutions across the country and a grant of Rs.10 crore has been sanctioned at the first phase.

UNIVERSITIES

Collaborations : Faculty members of the University have been involved in research programmes in collaboration with experts in different academic institutions within the country and abroad. Noteworthy among them are the IITs; University of Illinois, Urbana-Champaign, USA; University of New South Wales, Australia; University of Ulm, Unlversity Fuer Verfahrenstechnik, Germany; Dalhousie University, Canada; Swiss Federal Laboratories for Material Testing and Researxch (EPMA), Switzerland and Delft University, Netherlands.

Plans for a second campus are also underway, with establishment of new departments of Chemical Engineering and Bio Technology; new schools in frontier technology areas like VLSI, Bio-Informatics, Mechatronics and Robotics, Environmental Engineering and other facilities.

CHAPTER – 6

OTHER UNIVERSITIES

6.1. Other State aided Universities in West Bengal

6.2. Central Universities in West Bengal

6.3. Institutes of Importance

CHAPTER – 6

OTHER UNIVERSITIES

6.1 OTHER UNIVERSITIES IN WEST BENGAL

6.1.1 BIDHAN CHANDRA KRISHI VISWAVIDYALAYA

P.O. Krishi Viswavidyalaya, Mohanpur, Nadia, Pin-741252.
Ph. 033-2587-9772, 03473-222666, E-mail : vcbckv@vsnl.net

The university established in 1974, has completed three decades of its existence as the pioneer institute of Agricultural Education, Research and Extension. The main objective of this Viswavidyalaya is to provide facilities for the study of Agriculture, Horticulture and Agricultural Engineering. It is also to conduct researches in these sciences and undertake the educational and extension programmes in agriculture among the rural clientele base, keeping in view the requirements of the state.

Allotment of Seats in different Under Graduate Courses

Course	Total Intake
B.Sc. (Agriculture) Hons.	100
B.Sc. (Horticulture) Hons.	20
B. Tech. (Agril. Engg)	20

6.1.2 UTTAR BANGA KRISHI VISWAVIDYALAYA

P .O. Pundibari, Dist - Cooch Behar
West Bengal-736165 Ph. 03582-270141/249

The Uttar Banga Krishi Viswavidyalaya (UBKV) is a new-born Agricultural University in West Bengal. It has come into existence at Pundibari, 16 k.m. away from the Cooch Behar district head quarter on 1st February, 2001. Since 1979, an Educational and Research establishment had been operative at Pundibari under Bidhan Chandra Krishi Viswavidyalaya as a part of its constituent units. The University has been given responsibility for teaching, research and extension education in different branches of agriculture, horticulture, forestry , tea and allied science for creating qualified technical manpower and new technologies to the State Government in order to help the farmers towards increasing agricultural production and improving their economic conditions. The University has Regional Research Station/ Sub-stations at Kalimpong, Dalapchand, Pedong of Darjeeling district, Majhian of Dakshin Dinajpur district, Manikchak and Ratua of Malda district, Kharibari of Siliguri sub-division of Darjeeling district and at Pundibari of Cooch Behar district.

Academic programmes in the University, both at U.G., P.G. and Doctoral levels are conducted here. Instructional programmes in the University are being operated under Faculty of Agriculture and Horticulture. Besides, there have also been provisions of conducting inter-institutional, inter-disciplinary postgraduate level instruction and advanced research under nine centres of advanced studies.

The Faculty of Agriculture comprises of ten Departments namely, Agronomy, Agril. Chemistry & Soil Science, Genetics & Plant Breeding, Agril. Statistics, Agril. Economics, Agril. Extension, Agril. Entomology, Plant Pathology, Plant Physiology and Biochemistry. The Faculty of Horticulture comprises of five Departments namely, Pomology and Post Harvest Technology, Vegetable & Spice Crops, Plantation Crops & Processing which includes Tea Science and Technology, Floriculture and Aromatic & Medicinal Plants and Forestry.

6.1.3 WEST BENGAL UNIVERSITY OF ANIMAL AND FISHERY SCIENCES

37 & 68, Khudiram Bose Sarani, Belgachia, Kolkata 700 037
Phone : 2556-5021
Date of establishment : 2-1-1995.
(Under the West Bengal University of Animal Science and Fishery Science Act, 1995)

The University is located in the old Bengal Veterinary College Campus on either side of Kudhiram Bose Sarani in Belgachia. The arching entrance looks imperial and successfully conveys the impression that the university is rich in history and tradition.

FACULTIES

Faculty of Veterinary and Animal Sciences.

Faculty of Dairy Technology.

Faculty of Fishery Science.

Degree	Seats	Duration
(a) Bachelor of Veterinary Science (B.V. Sc. & A.H.)	102	5 years integrated course with 6 months internship training.
(b) M.V. Sc. & A.H.	108	2 years (course credit-system)
(c) Ph. D.	29	2 years (course credit-system)
(a) B. Tech. (D.T.)	31	4 years integrated course including 6 months in plant training.
(b) M. Tech. (D.T.)/M.Sc. (Dairy)	27	2 years (course credit system)
(c) Ph. D.	6	2 years (course credit system)
B. F. Sc.	31	4 years integrated course including 6 months farmhouse training.

6.1.4 THE WEST BENGAL NATIONAL UNIVERSITY OF JURIDICAL SCIENCE

Aranya Bhavan, 10A, LA Block, Sector III, Salt Lake City, Kolkata - 700098
Ph : 2335- 0534 / 7379
FAX : 033 - 2335 - 7422

The West Bengal National University of Juridical Sciences came into existence in August 1999 under Act IX of 1999 passed by the West Bengal Assembly. The University commenced its academic programmes from 1st June, 2000.

Activities during the year :

The National University of Juridical Sciences organized its very first Literary, Sporting and Cultural Festival. This fest, the culmination of almost two whole years of hard work, was one of the foremost agendas of this year's Executive Committee.

Courses available

Course	Eligibility criteria	Duration
B.A./B.Sc LL.B.(Hons.) Programme	Passed (10+2) in any stream with at least 50% marks in aggregate and 35% marks in English & other core subject	5 years.
LL.M. Programme	Passed LL.B. with 50% marks in aggregate	2 years
M.Phil Programme	Passed LL.M. with 50% marks in aggregate	1 year
Doctor of Philosophy Programme (PHD)	M. Phil degree in the same subject as the one in which the candidate proposes to pursue her/his doctoral research.	Maximum of 5 years
Doctor of Laws Programme (LL.D)	M.Phil Degree in Law from any recognized University or a LL.M degree from a recognized University along with ten years experience in teaching law in a University/College/Institution of national importance or a LL.M degree from a recognized University together with a Ph.D degree in a law-related subject.	Maximum of 7 years
Certificate Course on human Rights Law	(10+2+3) in any discipline from a recognized University.	45 days

Note : This University does not have any distant mode of education.

OTHER UNIVERSITIES

Research Activities

The Research Activities are mainly done in the field of Law, viz. Criminal Law, Business Law & International Law.

WTO AND THE THIRD WORLD

The Centre had its second programme in February 2006 when along with the Society of international Law and Politics organized a seminar on "Revisiting the Third World Perspective on the Completion of a Decade Long Institutionalized World Trading System" at the University. Prof. Mrityunjoy Mohanty, Indian Institute of Management, Calcutta chaired the seminar, while Ms. Sheela Rai, Lecturer, West Bengal National University of Juridical Sciences and two students namely Mr. Siddharth Sinha and Mr. Rahul Chatterji presented papers.

6.1.5 THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD-36, Sector-1, Salt Lake, Kolkata-700 064
Year of establishment : 2002
Phone No. 2321-5389, Fax : 2358-0100

In pursuance of The West Bengal University of Health Sciences Act, 2002 (West Bengal Act XIII of 2002) this University was established in the year of 2002 and started functioning on the 1st Day of January, 2003 at DD-36, Sector-I, Salt Lake, Kolkata-700 064.

MISSION

The State Government notified the establishment of the University for the purpose of affiliating, teaching, ensuring proper and systematic instruction, training in Modern system of Medicine, Homoeopathic system of Medicine, Ayurvedic system of Medicine, Unani system of Medicine, Nursing Education, Pharmacy Education, Dental Education, Education on Laboratory Technology, Physiotherapy, Speech Therapy and Education on other Paramedical courses. This University will act as a specialized autonomous institution with the objective to promote academic freedom, scholarship for teachers as well as for the students and to foster and develop an intellectual climate conducive to the pursuit of scholarship and excellence, either independently or jointly with other centers of excellence of higher learning.

JURISDICTION

In terms of the provisions of the Act, all colleges, institutions and educational centres of Health Sciences in the State of West Bengal previously admitted to the privileges of or affiliated to the

University of Calcutta, the University of Burdwan, the University of North Bengal, the University of Kalyani, the Vidyasagar University, the Jadavpur University, the Rabindra Bharati University, the Viswa Bharati University or any other government recognized university, council or affiliating body, shall be deemed to be admitted to the privileges of or affiliated to this University with effect from the date so notified.

Accordingly all the medical colleges/institutions and the centres imparting courses relating to health sciences have been brought under one umbrella of this University.The undergraduate Medical/ Dental/Pharmacy/Nursing colleges have been included from the academic year 2003. The Post graduate Medical, Dental and Nursing courses and Post Doctoral Medical courses have also been brought under the privilege/affiliation of this University from the academic year 2004.

Moreover, all the colleges/institutions imparting Homoeopathic, Ayurvedic, Unani and paramedical courses have also been brought under the affiliation of this University from 2004 academic year. A full list of the institutions/colleges presently running under this University has been detailed later.

ADMISSION

Admission to various University affiliated courses are conducted by the Joint Entrance Examinations or other Statutory Body of the Government of West Bengal for undergraduate courses i.e. M.B.B.S., B.D.S., B. Pharm, B.Sc. Nursing, B. Sc. Physiotherapy, BASLP, B.O.T., etc. The University conducts its own Examinations for admission in Postgraduate courses, Post Doctoral courses from the year 2004 i.e. MD/MS, PG Diploma, MDS, DM, M.Ch., M. Sc. Nursing, MD (Ayurved) etc. Rules for conducting Ph.D. on different Health Sciences subjects are also being framed shortly.

Academic and other activities during the year :

1. The University has been conducting examinations for admission in Postgraduate degree/ Diploma course, MDS, M.Sc. Nursing, 6 years M.Ch. (Neuro-Surgery) and regular DM, M.Ch. courses and M.D. (Ayurveda) course.

2. The University has already successfully conducted 1st Professional M.B.B.S., 1st Year M.Sc. Nursing, 1st & 2nd Semester B. Pharm and other required examinations strictly following the time schedules.

3. The University has already formulated its own Rules, Regulations and Syllabus for M.B.B.S./ B.D.S./B. Pharm/B.Sc. Nursing courses. The Rules, Regulations and Syllabus for the remaining courses are under process which is expected to be settled shortly.

4. The University is in search of big area nearby Salt Lake, to construct University Campus.

5. An APEX BODY for the University has been formed with the nominees of the Ministry of Health & F. W., Govt. of India, Medical Council of India, University Grants Commission and I.C.M.R., New Delhi. The 1st meeting of the Apex Body has also been held in the campus of the University.

6. The University has already conducted as many as 22 examinations in connection with different Health Sciences course and is prepared to conduct in the year 2006.

7. The University has already developed meaningful IT system for conducting its activities as and when required.

8. In fine, the University will always try to attain the highest standards of academic excellence by providing the physical infrastructure and creating an eclectic intellectual environment conducive to free flow of knowledge, ideas and meaningful exchange of information.

List of Colleges affiliated with the University

Sl. No.	Name of College / Institution	Subject	Intake Capacity
1.	Medical College, Kolkata	M.B.B.S.	155
2.	NRS Medical College, Kolkata	-do-	150
3.	R. G. Kar Medical College, Kolkata	-do-	150
4.	Calcutta National Medical College, Kolkata	-do-	155
5.	Institute of Postgraduate Medical Education & Research, Kolkata	-do-	100
6.	Burdwan Medical College, Burdwan	-do-	100
7.	Midnapore Medical College, Midnapore	-do-	100
8.	Bankura Sammilani M. College, Bankura	-do-	100
9.	North Bengal Medical College, Darjeeling	-do-	100
		Total :	**1110**

List of Post Graduate Institution :

1.	Institute of Post Graduate Medical Education & Research, Kolkata
2.	Bangur Institute of Neurology, Kolkata
3.	School of Tropical Medicine, Kolkata
4.	Regional Institute of Opthalmology, Kolkata

5.	Chittaranjan Seva Sadan Sishu Sadan & College of Obst. & Gynae., Kolkata
6.	Institute of Child Health, Kolkata
7.	All India Institute of Hygiene & Public Health, Kolkata
8.	Beliaghata ID & BG Hospital, Kolkata
9.	Vivekananda Institute of Medical Sciences, Kolkata

Total Yearly Intake Capacity : 650

Name of College / Institution	Subject	Intake Capacity
List of Dental College :		
Dr. R. Ahmed Dental College, Kolkata	BDS	50
North Bengal Dental College, Darjeeling	-do-	20
Gurunanak Institute of Dental College & Research, Panihati	-do-	100
	Total :	**170**
List of B. Pharm College :		
Institute of Pharmacy, Jalpaiguri	B. Pharm	60
List of Nursing College (B. Sc.) :		
W. B. Govt. College of Nursing	B. Sc. Nursing	30
B. M. Birla College of Nursing	-do-	20
	Total :	**50**
List of Nursing College (M. Sc.) :		
W. B. Govt. College of Nursing	M. Sc. Nursing	12
B. M. Birla College of Nursing	-do-	8
	Total :	**20**
List of Physiotherapy College :		
School of Physical Medicine, IPGME&R	B. Sc. Physiotherapy	30
National Inst. of Orthopaedically Handicapped, Kolkata	-do-	30
Nopany Institute of Healthcare Studies, Kolkata	-do-	30
MRCC College of Orthopaedics, Midnapore	-do-	40
Midnapore College of Physiotherapy	-do-	40
Durgapur Paramedical Institute	-do-	40

College of Paramedical Sciences, Haldia	-do-	40
Ali Yabar Jung National Institute of Hearing Handicapped, Kolkata	B.A.S.L.P.	20
	Total :	**270**
List of Homoeopathy College :		
Calcutta Homoeopathic Medical College & Hospital (GWB)	Homoeopathy	50
D. N. De Homoeopathic Medical College & Hospital (GWB)	-do-	50
Mahesh Bhattacherya Homoeopathic Medical College & Hospital (GWB)	-do-	50
Midnapore Homoeopathic Medical College & Hospital (GWB)	-do-	50
Metropolitan Homoeopathic Medical College & Hospital	-do-	50
National Institute of Homoeopathy	-do-	50
Pratap Chandra Memorial Homoeopathic Hospital & College	-do-	50
Netai Charan Chakraborty Homoeopathic Medical College & Hospital	-do-	50
Burdwan Homoeopathic Medical College & Hospital	-do-	50
Bengal Homoeopathic Medical College & Hospital	-do-	50
Kharagpur Homoeopathic Medical College & Hospital	-do-	50
Purulia Homoeopathic Medical College & Hospital	-do-	50
Birbhum Vivekananda Homoeopathic Medical College & Hospital	-do-	50
	Total :	**650**

List of Ayurvedic College :

1. Institute of Post Graduate Ayurvedic Education & Research, Kolkata
2. J. B. Roy State Ayurvedic Medical College & Hospital, Kolkata
3. Rajib Gandhi Memorial Ayurvedic Medical College & Hospital, Fingapara, 24-Pgs.

List of Unani College :

1. Calcutta Unani Medical College.

6.1.6 RAMKRISHNA MISSION VIVEKANANDA EDUCATION AND RESEARCH INSTITUTE (RKMVERI) (DEEMED UNIVERSITY)

(Deemed University under UGC Act)
P.O. Belur Math, Dt. Howrah,Pin – 711202,
Telefax : 033-26549999; Mobile : 98302-16636
E-mail : rkmveri@gmail.com, atmapriyananda@gmail.com

Ramakrishna Mission Vivekananda Educational and Research Institute has been established as a self financing Deemed to be university, the first of its kind in West Bengal. This university under Ramakrishna Mission's aegis forms in a sense the actualization of Swami Vivekananda's vision about a university at Belur. Swami Vivekananda wanted a unique type of Educational Institute that would combine the best elements of the East and the West and impart such an education that would be character-building at the individual level and at the collective level help the enormous task of nation-building. The sincere efforts initiated by Ramakrishna Mission during Swami Vivekananda's birth centenary in 1963 culminated in the creation of a deemed university in 2005.

This new university bearing the name of Swami Vivekananda will focus on certain thrust areas which are generally the 'gap areas' in conventional universities in the country.

Some of these thrust areas are :

(1) Disability Management and Special Education (that would train teachers to manage visually impaired, mentally retarded and hearing impaired children and adults through teacher-training courses and research),

(2) Integrated Rural Development including Tribal Development (which would strive to achieve all round development for the rural and tribal people by imparting education in areas like integrated pest management, agro-based and appropriate bio-technology, etc.),

(3) Disaster Management (including pre- and post-disaster management techniques),

(4) Indian Cultural and Spiritual Heritage including Value Education (which would expose and sensitize our youth and adults to the eternal values enshrined in our heritage with a view to educating them in liberal, non- sectarian, non-dogmatic principles and doctrines conducive to peace, harmony, love, mutual respect and fellow-feeling).

While the central administrative office that would monitor and regulate the programmes will be situated in West Bengal at Belur Math in the district of Howrah, the university will operate and function in the matter of running the various courses etc through the different centres of Ramakrishna Mission spread over the country, all of them being under the regulatory control of Belur Math headquarters.

OTHER UNIVERSITIES

In addition to the above, the university has initiated research programmes in certain non-conventional areas like Ramakrishna-Vivekananda philosophy, Translation Studies, Vedanta vis-a-vis modern science, etc on the one hand, and in hard core fundamental sciences like theoretical physics, pure mathematics and theoretical computer science on the other.

6.2 CENTRAL UNIVERSITIES IN WEST BENGAL

6.2.1 VISVA-BHARATI

Santiniketan, Dist.-Birbhum, Pin-731235

Year of establishment : 1951 (as a Central University)

This institution was started by Maharshi Debendranath Tagore in the form of an 'ashrama' in 1863. Rabindranath Tagore started a 'Brahmacharya Ashrama' here in 1901. On December 23, 1921 Visva-Bharati became a registered public body with a constitution of its own. In May 1951 Visva-Bharati was declared to be a Central University and an Institution of National Importance. It conducts courses in arts, fine arts, science, agriculture, education, etc. It is also a centre for research on works and ideas of Rabindranath Tagore.

CHARACTER

A unitary teaching and residential university ;

Academic session–1 July to 30 June ;

Medium of instruction—Bengali (School). English (University) ;

Academic privileges to foreign students ;

Research fellowship programme for foreign students ;

Classes often held in open air ;

A centre for realising both the external and internal features of India and fusion of Oriental and Western cultures.

CURRICULUM

Originally a repudiation of the colonial system of education—an unconventional University with unconventional curriculum having joyful, artistic, creative expression in an environment of music, painting and dramatic performances in consonance with Nature.

FACULTIES AND INSTITUTIONS

Vidya Bhavana (Institute of Humanities)

Siksha Bhavana (Institute of Science)

Kala Bhavana (Institute of Fine Arts)

Sangeet Bhavana (Institute of Music, Dance and Drama)

Rabindra Bhavana (Institute of Tagore Studies, Museums and Archives)

Vinay Bhavana (Institute of Education)

Palli Sangathana Vibhaga (Institute of Rural Reconstruction)

Palli Siksha Bhavana (Institute of Agricultural Science)

Patha Bhavana (Institute of Secondary Education)

Siksha Satra (Institute of Secondary Education)

Uttar Siksha Sadana (Institute for Higher Secondary Education)

Siksha Charcha, (Primary Teacher's Training Centre)

Agro-Economic Research Centre.

VIDYA BHAVANA

B.A. (Hons.) – Three year.
Subjects : Ancient Indian History, Culture & Archaeology, Bengali, Economics, English, Geography, Hindi, History, Mathematics, Oriya, Philosophy, Comparative Religion and Sanskrit. Course in Tagore Studies (compulsory for all).

Chinese course — (Hons.) Four year.

M.A. — Two year.
Subjects : all B.A. (Hons.) Subjects, Chinese and Indo-Tibetan studies.

Two year Certificate Course
Subjects : Bengali, Santhali, Assamese, Oriya, Hindi, Tamil, Marathi ; Sanskrit, Pali, Arabic, Persian, Urdu, Chinese, Japanese, Tibetan, German, Russian, Italian and French.

One-Year Diploma Course
Subjects : Same as in Two-year certificate course.

One-Year Advanced Diploma Course
Subjects : Tibetan and Russian.

One-year Certificate Course for foreign casual students.
Ph.D. Programmes.

OTHER UNIVERSITIES

SIKSHA BHAVANA

B. Sc. (Hons)–Three year.
Subjects: Physics, Chemistry, Mathematics, Botany, Zoology and Bio-technology.

M.Sc. – Two year.
Subjects : all B.Sc. (Hons.) Subjects.

One-year Post-Graduate Diploma in Computer Science and Applications. Ph.D.

KALA BHAVANA

Five-year U.G. Courses (B. Fine Arts Degree) in Painting, Sculpture, Design, Graphic Art and History of Art.

Five-Year Diploma Courses (Dip. in Fine Arts and Crafts) in Painting, Sculpture, Graphic Art or Design.

Two-year P.G. Courses (M. Fine Arts) in Painting, Sculpture, Graphic Art and History of Art.

Two-year P. G. Courses (P.G. Dip.) in Painting, Sculpture and Graphic Art (Print making).

Two-year Certificate in Design.

One-year Foreign Casual Students' Course in Indian Art.
Ph. D.

SANGEET BHAVANA

Four-year U. G. Courses (B. Mus. Degree) in Rabindra Sangeet, Dance, Hindusthani Classical Music (Vocal) and Hindusthani Classical Music (Instrumental).

Four-year Diploma Courses in Music and Dance, Rabindra Sangeet, Hindusthani Classical Musical (Vocal and Instrumental).

Two- year P. G. Courses (M. Mus. Degree) in the same subjects as in (i).

Four-year Senior Certificate Courses in the same subjects as in (i).

Two- year part-time Courses in Hindusthani Classical (Vocal/Instrumental), Rabindra Sangeet, Manipuri Dance and Kathakali Dance.

One-year Foreign Student's course in the same subjects as in (i).

RABINDRA BHAVANA

Treasure-house of manuscripts of Rabindranath Tagore ; Papers of Tagore family ; a collection of Paintings and Sketches by the poet and a few others; a research centre for Tagore Studies.

VINAY BHAVANA

A Teachers' Training Centre.

B.Ed.-One year.

M.Ed.-One year.

Ph.D.

Extension service.

PALLI SIKSHA BHAVANA

B. Sc. (Ag.) in Agricultural Sciences – 4 year.

M. Sc. (Ag.) in Agricultural Sciences – 2 year.

Ph.D.

PALLI SANGATHANA VIBHAGA

B.S. W. – Three year.

M.S.W. – Two year.

Ph. D.

6.2.2 IGNOU (Indira Gandhi National Open University)

6.2.2.1 A NEW CONCEPT

The concept of an open University is an important innovation of the last century. It aims to bring about revolutionary changes in the system of learning through DISTANCE EDUCATION.

The first open University ('The Open University') was established in England in 1969.

IGNOU was established by an Act of Parliament in 1985 to achieve the following objectives :

- To democratise higher education by taking it to the doorsteps of the students.
- To provide access to high quality education to all those who seek it irrespective of age, religion or formal qualification.
- To offer need-based academic programmes by giving professional and vocational orientation to the courses.
- To promote and develop DISTANCE EDUCATION.
- To set and maintain standards in DISTANCE EDUCATION in the country as an apex body.

6.2.2.2 DISTANCE EDUCATION AND OPEN LEARNING

Distance Education is often confused with Correspondence Education. The distinction between Correspondence Education and Distance Education lies in their aims, methods and orientation. Correspondence Education is an extension of conventional education. Distance Education aims at varied goals. These include personal growth, training for better job prospects and job enhancement, a change in attitude, etc., in addition to imparting knowledge. Distance Education allows learning at one's own pace and offers easy entry and exit points. It makes life-long learning a reality. Distance Education employs a multimedia learning package. It is characterised essentially by the advanced learning strategies effected by modern communication technology. Correspondence Education, on the other hand, depends mostly on printed materials distributed by post.

6.2.2.3 GOVERNANCE

The President of India is the Visitor of the University. The authorities of the University include the Board of Management, Academic Council, Planning Board, Finance Committee, etc.

6.2.2.4 INSTRUCTIONAL SYSTEM

The University follows the multimedia approach in imparting instruction. It comprises :

- Self-instructional printed course material packages.
- Assignments for assessment and feedback.
- Supporting audio-video programmes.
- Face-to-face interaction between the student and Academic Counsellors at Study Centres and Work Centres.
- Practicals at designated Institutions.
- Project Work in some programmes.
- Work related field project/functional assignments as per programme requirements.
- Telecast of video programmes on Doordarshan.
- Broadcast of audio programmes by All India Radio (Select Stations)
- Interactive Satellite Aided Communication Network (Teleconferencing)

6.2.2.5 STUDENT SUPPORT SERVICES

Support services are provided through a network of Study Centres scattered all over the country. Study Centres are the actual focal points where the learners receive regular information and learning support. Each Study Centre is provided with library, audio and video facilities for the students.

Senior and experienced academics and professionals are engaged in face-to-face counselling to further help them in the learning process. The Study Centres are generally located in existing educational institutions and normally function on holidays and Sundays and in the evening on working days. Each Study Centre is manned by part-time staff drawn from the host institution. To co-ordinate the functioning of Study Centres IGNOU has set up 19 Regional Centres in different parts of the country.

The IGNOU Regional Centre, Calcutta looks after the activities of the University in West Bengal. A list of Study Centres under Calcutta is given in the Appendix.

6.2.2.6 EVALUATION SYSTEM

IGNOU has a three-tier system of evaluation

(I) *Check Your Progress (self-assessment) :*

This is provided in study materials and is meant for self-assessment.

(II) *Assignments (continuous internal assessment) :*

This carries a weightage of 25% to 30%. There are two types of assignments.

- Computer Marked Assignment (CMA) and
- Tutor Marked Assignment (TMA). TMAs submitted at the Study Centre are returned to the students after evaluation with comments.

(III) *Term-End Examination (TEE) :*

This is the major component in the assessment as 70% to 75% weightage is given. University holds Term-End Examination twice a year (JUNE & DECEMBER).

6.2.2.7 STRIKING CHARACTERISTICS

- Relaxed entry regulations.
- Study according to one's pace and convenience.
- Flexibility in choosing the combination of courses from a wide range of disciplines.
- Study from one's own chosen place (during the course of study a student can change the opted Study Centre to any Centre anywhere in India except for certain exceptional cases).
- One may sit for Term-End Examinations generally anywhere in India and some select Centres abroad.
- Learners may also pursue their study in any other University while being a student of IGNOU.
- Cost effectiveness.

6.2.2.8 RECOGNITION

IGNOU is a Central University under the Ministry of Human Resources Development, Govt. of India. The Degrees, Diplomas, Certificates awarded by IGNOU are recognised by the Association of Indian Universities (AIU) and are at par with Degrees/Diplomas/Certificates of all Indian Universities/Deemed Universities/Institutions vide UGC Circular No : F1-8/92 (CPP) dated February, 1992.

The Directorate of Employment, Govt. of West Bengal has recognised the degrees/diplomas of IGNOU to be at par with the same of other Universities of the country in the matter of providing employment.

The Deptt. of School Education, H.S. Branch, Govt. of West Bengal has issued an Order No.187-SE(HS)/10M-3/97 dated 22nd August, 1997 by strength of which degrees/diplomas offered by IGNOU are acceptable for the purpose of further studies of teachers' training and employment in Schools of West Bengal.

6.3 INSTITUTES OF IMPORTANCE

6.3.1 INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR, MIDNAPORE

Main Campus at Kharagpur,
Dist. West Midnapore, Pin-721302

IIT, Kharagpur, is the first of the chain of five IITs, established after Independence to produce scientists and technologists of the highest calibre and to provide leadership in the field of technological education and research. The other IITs as Institutes of National Importance, are situated in Delhi, Bombay, Madras, Kanpur and Guwahati. IIT Kharagpur conducts programmes leading to B.Tech (Hons.) B. Arch. (Hons) integrated M.Sc., Dual Degree, M.Tech MCP, MBM, MMST, MS Degrees and Ph.D. degrees. The Institute also offers PG Diploma Programmes in Information Technology (PGDIT), Maritime Operation and Management (PGDMOM) and Business Management (PGDBM), at its extension Centres at Kolkata and Bhubaneswar, besides STEP, IIT KHARAGPUR using distance-cum-contact (Hybrid) mode of instruction.

NO. OF DEPARTMENT / CENTRES / SCHOOLS — 28

No. of Department / Centre / School offering the course	Course	Duration
16	(i) B. Tech. (Hons.)	8 Semester
01	(ii) B. Arch. (Hons.)	10 Semester
05	(iii) Integrated M. Sc.	10 Semester
05	(iv) M. Sc. (2 – Year)	04 Semester
15	(v) Dual Degree (leading to B. Tech. & M. Tech Degrees)	10 Semester
28	(vi) M. Tech. / MCP / MBM / MS	04 Semester
01	(vii) Medical Science & Technology (MMST)	06 Semester
02	(viii) Post Graduate Diploma in Information Technology (PGDIT), Post Graduate Diploma in Maritime Operation and Management (PGDMOM)	02 Semester
01	(ix) Post Graduate Diploma in Business Management (PGDBM)	04 Semester
28	(x) Doctor of Philosophy (Ph. D)	16 Semester

COURSES

Department / Centre	B. Tech.	M. Tech. / M. S. / Ph. D.
Aerospace Engineering	Aerospace Engineering	Aerospace Engineering
Agricultural & Food Engg.	Agricultural & Food Engg.	• Farm Machinery & Power • Soil & Water Conservation Engg. • Dairy & Food Engineering • Applied Botany • Water Resource Development & Management • Aquacultural Engineering • Agricultural Systems & Management • Post Harvest Engg.
Architecture & Regional Planning	Architecture	• City Planning
Chemical Engineering	Chemical Engineering	• Chemical Engineering
Bio-technology	Bio-technology & Biochemical & Engineering	• Biotechnology & Biochemical Engineering
Chemistry	Industrial Chemistry (M. Sc.) Chemistry (M. Sc. - 2 Year)	• Chemistry • Chemistry
Civil Engineering	Civil Engineering • Structural Engg.	• Water Resource Engineering • Transportation Engineering • Environmental Engineering & Management • Geotechnical Engineering • Structural Engineering
Cryogenic Engineering	——	• Cryogenic Engineering
Computer Science & Engineering	Computer Science & Engineering • Computer Science & Information Technology	• Computer Science & Engineering
Electrical Engineering	Electrical Engineering • Instrumentation Engineering Energy Engineering Instrumentation Engineering	• Machine Drives & Power Electronics • Control System Engineering • Power System Engineering • Instrumentation

Electronics & Electrical Communication Engineering	Electronics & Electrical Communication Engineering • Automation and Computer Vision	• Automation and Computer Vision • Computer Engineering • Fibre Optics & Lightwave Engineering • Microelectronics and VLSI Design • Radio Frequency and Microwave Engg. • Telecommunication Systems Engg.
Humanities & Social Science	——	• Human Resource Dev. & Management
Industrial Engineering & Management	Industrial Engineering • Industrial Engineering & Management	• Industrial Engineering & Management
Materials Science	——	• Materials Science & Engineering
Geology & Geophysics	Exploration Geophysics (M. Sc.) Geological Sciences (M. Sc. - 2 Year) Applied Geology (M.Sc.) Geophysics (M. Sc. - 2 Year)	• Earth & Environmental Sciences
Mathematics	Mathematics & Computing (M.Sc.) Mathematics (M. Sc.- 2 Year)	• Computer Science & Data Processing
Mechanical Engineering	Mechanical Engineering • Manufacturing System and Engg. • Thermal, Energy & Environmental Engg. Manufacturing Sc. & Engg. • Industrial Engineering and Management	• Manufacturing Process Engineering • Thermal, Energy & Environmental Engg. • Mechanical Systems Design • Manufcturing Systems Engineering • Mechanical Handling & Automation • Precision & Quality Engineering • Mechanical Systems, Dynamics and Control

Metallurgical & Material Engg.	Metallurgical & Material Engg. • Metallurgical Engineering	• Metallurgical & Material Engineering
Mining Engineering	Mining Engineering	• Mining Engineering
Ocean Engg. & Naval Architecture	Ocean Engg. & Naval Architecture • Ocean Engineering	• Ocean Engg. & Naval Architecture • Maritime Operation and Management
Physics & Meteorology	• Physics (M.Sc.) • Physics (M.Sc.-2 Year)	• Atmospheric Science & Technology • Solid State Technology
Rubber Technology	——	• Rubber Technology
Rural Development	——	• Research Programmes
Centre for Educational Technology	——	• Research Programmes
Post Harvest Technology Centre	——	——
Reliability Engineering Centre	——	• Reliability Engineering
School of Medical Science and Technology	——	• Medical Science and Technology • Research Programmes
School of Information Technology	——	• Information Technology • MS and Research Programmes
Vinod Gupta School of Management	——	• Business Management • Research Programmes
G. S. Sanyal School of Telecommunication	——	• MS and Research Programmes

SPONSORED RESEARCH & INDUSTRIAL CONSULTANCY, IIT KHARAGPUR

SRIC Activities :

- Sponsored R & D Projects
- Consultancy Projects
- Institute-industry interaction
- Foreign Collaboration
- MOUs / Turn-Key Projects
- IPR and Technology Transfer
- Seminars / Conference / Workshops

ON GOING PROJECTS (Last Five Years)

	Number	Values (Rs. In Crores)
Sponsored	452	129.98
Consultancy	696	93.48
TOTAL	1148	223.46

6.3.2 NATIONAL INSTITUTE OF TECHNOLOGY

Durgapur

The Regional Engineering College, Durgapur, predecessor of National Institute of Technology, was established by an Act of Parliament in 1970 as one of the eight such colleges aimed to function as a pace setter for engineering education in the country and to foster national integration. It was a joint venture of the Govt. of India and Govt. of West Bengal and was administered by an autonomous Board of Governors.

By virtue of the policy decision the Ministry of Human Resource Development, Govt of India, Regional Engineering College, Durgapur has been upgraded to National Institute of Technology along with a few other Regional Engineering colleges in the country from 2003-2004. Entire financial responsibilities for the maintenance of National Institute of Technology, Durgapur has been taken over by M.H.R.D., Govt. of India and admission to the courses run by the institute are now through A.I.E.E.E.

COURSES CONDUCTED AT N.I.T., DURGAPUR

Undergraduate Courses :

	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	Total
Chemical Engineering	30											30
Civil Engineering	30											30
Computer Science & Engineering	30						30					60
Electrical Engineering	60											60
Electronics & Communication Engineering	30						30					60
Information Technology							60					60
Mechanical Engineering	90											90
Metallurgical Engineering	40											40
Institution Total (Year wise)	**310**						**120**					**430**

The Institute offers courses of study leading to a M.Tech. Degree in the following disciplines:

Discipline	Sanctioned Intake	N.I.T. (DU - Status)
Chemical Engineering	15	
Civil Engineering (Structural Engg.)	15	
Computer Science & Engineering (Information Technology)	18	
Elec. & Comm. Engg. (Telecommunication Engg.)	18	
Electrical Engineering (Industrial Electrical System)	15	
Mechanical Engineering (Design & Production Engineering)	15	
Metallurgical Engineering (Physical Megtallurgy)	19	
Master of Business Admn. (MBA)	60	
Master of Computer Application (MCA)	60	

6.3.3 INDIAN STATISTICAL INSTITUTE

203, B. T. Road, Kolkata-700 035.

The Indian Statistical Institute is one of the leading academic institutions in the world. It has a long and proud tradition of excellence in training, teaching and research in a number of academic disciplines including statistics, mathematics, computer science, economics, biology, geology, physics and social science. It attracts some of the brightest minds from all over India, and its alumni have made outstanding contributions to academics, governance and industry.

ACADEMIC PROGRAMMES

DEGREE :

Programme	Duration	Venue
B.Stat.(Hons.)	3 years	Kolkata
B. Math (Hons.)	3 years	Bangalore
M. Stat. (S-stream N-stream)	2 years	Kolkata, Delhi, Bangalore
M. Math	2 years	Kolkata*, Bangalore
M.S. in Quantitative Economics	2 years	Kolkata, Delhi*
M. Tech. in Computer Science	2 years	Kolkata
M. Tech. in Quality, Reliability and Operations Research	2 years	Kolkata

* These courses are not being offered in the indicated Centres during the academic year 2005-2006.

DIPLOMA :

Programme	Duration	Venue
Certificate/Diploma course in Computer Programming & Application	1+1 years	Kolkata
Part-time Certificate/Diploma course in SQC and OR	1+1 years	Mumbai, Chennai

OTHER UNIVERSITIES

CERTIFICATE :

Programme	Duration	Venue
Part-time course in Statistical Method and Applications	1 year	Kolkata, Delhi, Hyderabad
Part-time course in SQC	6 months	Bangalore, Hyderabad
Intensive course in Programming and Application of Electronic Computers	10 weeks	Kolkata

6.3.4 INDIAN INSTITUTE OF MANAGEMENT (IIM) - KOLKATA

Diamond Harbour Road, Joka-700104
Kolkata (Calcutta), West Bengal, India
Phone: 91-33-2467-8300/8301/8302
Fax : 91-33-2282-1498
Website : http://www.iimcal.ac.in

The Indian Institute of Management, Calcutta was established in 1961 - India's first national institute of management for post-graduate studies and research in management. Established in collaboration with the Alfred P Sloan School of Management, Ford Foundation, the Indian business community, the Government of India and the Government of West Bengal, a substantial part of the annual capital and revenue expenses of the Institute are provided for by the Government of India.

FACTS

- IIM Calcutta started functioning from Emerald Bower, Barrackpur Trunk Road. In those days the Institute was endowed with such eminent academicians as Douglas McGregor, Miles Kennedy, Ravi Mathai, Ashok Mitra, Barun De, Kamini Adhikary, Eshwar Dayal, Warren Bennis, Jati K. Sengupta & Gouranga Chattopadhyay.
- In 1975, The institute moved to its own sprawling 135-acre campus at Joka, on the outskirts of Calcutta.

The foundation stone of the Joka campus was laid by Sri Morarji Desai, the then Dy. Prime Minister of India on Dec 15, 1968. The Institute moved to its present campus in 1975.

CURRICULUM

- IIMC offers a wide range of courses for the aspiring business graduate to choose from. Apart from the **Postgraduate Diploma in Management(PGDM)**, a course ranked among the top 10 in Asia, IIMC was the first in the country to introduce a **Postgraduate Diploma In Computer Aided Management(PGDCM)** to cater to the burgeoning specific managerial need of the IT industry. For those seeking a research oriented education, IIMC offers the **Fellow Programme**.

- IIMC also offers a part time **Postgraduate Diploma in Business Management(PGDBM)** for working managers with relevant work experience. In addition to numerous consultancy services, IIMC also offers the industry an opportunity to utilise its extensive resources for managerial training and development through the numerous Management Development Programmes(MDP) that IIMC conducts regularly.

- **Postgraduate Diploma in Management, IIM Calcutta**

  The course enjoys a two-tier structure. The first year is committed to developing business fundamentals through compulsory courses spanning the areas of economics, finance, marketing, operations, systems and behavioural sciences. The second year offers a slew of optional.

- **Postgraduate Diploma in Computer-Aided Management, IIM Calcutta**

  Hundreds of dot coms get registered from India every year. Recognising the need for a specialised course that can make an individual the manager, the entrepreneur with the e-touch, the PGDCM course at IIM Calcutta is already in its 6th year. The focus is on IT, clearly. The course does not compromise on any of the fundamentals of the classical PGDM program. The electives and the core courses are designed to make students all ready to tackle on challenges in the area of information technology.

- **Fellow Programme, IIM Calcutta**

  The Fellow Programme of the Indian Institute of Management Calcutta is a full-time doctoral level programme in different fields of Management as well as in various disciplines and areas related to Management.

- **Postgraduate Diploma in Business Management, IIM Calcutta**

  Through an upgradation of its earlier 2-Year Evening Postgraduate Certificate Programme in General Management (PGCGM) offered since 1981, IIMC launched this 3-Year Part Time

Evening Postgraduate Diploma in Business Management (PGDBM) Programme in 1994 as one of its major initiatives. The PGDBM Programme is recognised by the All India Council of Technical Education (AICTE) and enjoys equivalence to an MBA degree of Indian Universities.

The Institute's concern for conducting this Evening Programme in Business Management emerged from the appreciation of a responsibility to offer a quality management education to the young practising and in-service executives of organisations in and around Calcutta.

Through this programme, IIMC facilitates a process for the students to integrate their real-life work experiences with the conceptual and analytical foundations and development in management disciplines. The focus of this Programme is to inculcate among the students such perceptions, knowledge, skills and abilities that would enable them to become effective managers in the modern business processes and to assume higher levels of managerial responsibilities.

MANAGEMENT DEVELOPMENT PROGRAMMES, IIM-C

MDPs are short-term residential courses for senior management personnel. People eligible to apply for the MDPs are General Managers and Heads of Marketing/Strategic Business Unit Heads / Senior and Middle level managers in Sales,Product and Brand Management and Corporate Planning. The teaching method will be participative,using case studies,group exercises and concept discussions.

The programme seeks to address the corporate need by developing strategic managers. It would enhance the strategic thinking, i.e. cross functional, holistic, and future oriented thinking ability of the participants in relation to the overall corporate objectives and the emerging company environment. By attending the programme participants will be equipped with various concepts, tools, and techniques to think and act strategically in a highly dynamic environment working at any level and at any function in the organisation. Management Development Programmes organised by IIM-Calcutta include:

MDP on Future Markets

MDP on The Strategic Management

MDP on Strategic Analysis, Planning and Posture

MDP on Total Productive Maintenance

MDP on Ethics in Business

MDP on Supply Chain Management

ADVANCED MANAGEMENT PROGRAMME

Indian Institute of Management Calcutta has a long tradition of offering the prestigious Advanced Management Programme (AMP) for senior executives of Public Sector Enterprises in collaboration with the Department of Public Enterprises (DPE), Ministry of Industry, Government of India. For more than a decade, a large number of senior managers have benefited from participating in this programme. Since last year the institute has opened up the programme to senior decision-makers of the Public as well as the Private sector.

6.3.5 SAHA INSTITUTE OF NUCLEAR PHYSICS

BL-AF, Sector I, Salt Lake, Kolkata-91 (Phone : 2350-2344/2337-0379)

Saha Institute was established in 1951 in memory of Late Dr. Meghnad Saha, one of the greatest Indian Scientists.

Major areas of research :

High energy Physics: Quantum field theory, Standard model and beyond, string theory, Cosmology and early universe. Phenomenology of heavy hadron physics. Plasma physics: Experimental research with Tokamak, Condensed matter Physics : High-Tc super conductors thin films, magnetic properties of solids, NMR studies, surface Physics :

Crystallography and Molecular Biology study of protein Molecules.

6.3.6 ASIATIC SOCIETY

Park Street, Kolkata (Phone : 2229-0779)

The Asiatic Society, Calcutta was founded in 1784 by Sir William Jones (1746-1794), eminent Indologist, with the objective of inquiring into the history, science, arts and literature of Asia. This institution proved to be the inspiration behind all literary and scientific activities in the country. Three main activities of the Society concerning the scientific pursuit of the knowledge are (i) Library services (ii) Academic activities and (iii) Publications.

Library :

The Library of the Asiatic Society is one of oldest learned institutions in Asia. The holding numbering more than 2,50,000 volumes comprises, among others, a vast treasure of rare books, journals and other printed materials on Asiatic Arts and Sciences. A vast collection of old volumes of journals are preserved at the Metcalfe Hall at 12 Strand Road, Kolkata. Exhibition and display of books in connection with seminars are regular activities of the Library.

OTHER UNIVERSITIES

Resource sharing with other Institutions :

The following deserve special mention :

1. INSDOC
2. Indian Association for Cultivation of Science.
3. State Gazetteers office, Govt. of West Bengal.
4. Paschim Banga Bangla Academy.
5. National Council of Science Museum.
6. National Library.
7. Bangiya Sahitya Parisad.
8. Indian Museum.

Museum Section

The Museum of the Society possesses the priceless and unique collection of Manuscripts and Archival documents both in English and Russian, Rare printed Books, Lithographs, Paintings, Busts, Photograph-print, Coins, and Copper-Plate-Inscriptions etc.

Publications

During the year 3 publications have been performed with two awaiting publication.

Exhibition

Several exhibitions of Rare Illuminated Manuscripts & other materials were organized in the Museum of the Society on the occasion of Visit of different distinguished visitors.

Visitors

639 Indian and 63 Foreign visitors from different countries of the world visited the Museum.

Reprography Section

The Reprography Section of the Society, is dealing to the work of making Xerox copies from Books for Reader Service and supplied to various Readers/Scholars of India and Abroad, and documents for official purpose.

Conservation Section

The Conservation Laboratory meant for the preservation and restoration of the Library and Museum materials has performed the following tasks in preserving and restoring manuscripts, rare books and other objects kept in the Museum and Library of the Society.

Publication Section

The Asiatic Society is known to the world of learning mostly because of its publications of high academic standard. The Society has been publishing original and outstanding books periodicals and Booklets which have been able to draw the attention of academic world.

Academic Section

Research works of Fellows with Scholar Supervisors for different projects including outside projects sponsored by the Society deserve mention. Lectures, Seminar, Symposia, Workshops and Training Programme were also held by the Society as a significant part of its academic activities.

6.3.7 BOSE INSTITUTE

P1/12, Acharya Prafulla Chandra Road, Kolkata-700 009

The Bose Institute was founded by Acharya Sir Jagadish Chandra Bose in 1917 for the advancement of science and dissemination of knowledge. The Institute has served the nation for the past 85 years through its pursuit of advancement of knowledge in science and technology. There are departments of Biochemistry, Biophysics, Botany, Microbiology, Chemistry and Physics and the research sections on Animal Physiology, Environmental Science, Immunotechnology and Plant Molecular & Cellular Genetics. In addition, there are support and service centres like RSIC, DIC, Library, Workshop etc.

Research Activities

The research programmes of the Biochemistry Department include studies for the basic understanding of gene expression in plants and bacteria, plant and animal biotechnology, yeast and parasite molecular biology, structure-activity relationship proteins and structural biology.

The major theme of the Biophysics Department is structure, function and dynamics of biomolecules. The research interests are mainly focused on proteins, nucleic acids and small pharmacologically active compounds.

The major research goal of Botany Department established in 1917 is to improve crop productivity using conventional and modern techniques, where genes with elite characters particularly those endowed with biotic and abiotic stress tolerance are identified and located in wild relatives, with an objective to incorporate those in cultigens of rice, Brassica, Beta and Chenopodium using breeding, tissue culture and genetic engineering techniques.

The programmes of the Chemistry Department are centred around studies on biomolecules. The major objective is to understand the chemical and biochemical nature of these molecules and gain information about their roles in biological processes.

The research activities of the Microbiology Department address mainly the problems in the areas of parasitic and bacterial infections, drug design, detoxification, plant-microbe and mineral-microbe interactions.

The Physics Department is one of the oldest departments in the Institute, as the founder himself was a physicist. The main objective of this department is to improve our understanding of the basic laws of nature, in the realm of both macro and micro worlds.

The Research Section on Animal Physiology was established in1930 with the objective of understanding basic amphibian, piscine and invertebrate physiology, reproductive physiology, drug research and nutrition.

The section on Environmental Sciences created in1992 mainly deals with studies on Air, Noise, Water, Land and Biological environment and provide consultancy services to Industries. The section extends consultancy work on Quality Control, Monitoring and Control and Environmental Pollution at the local and national level.

The Immunotechnology section was created in 1992. Newly introduced programmes include an effect to understand phage induced modifications and inactivation of host aminoacyl tRNA synthetase, and a study of white spot syndrome associated baculovirus affecting shrimp aquaculture in India.

The Plant Molecular & Cellular Genetics section was established in1989 with the objective of studying basic and applied aspects of plant processes through modern molecular approaches.

6.3.8 INDIAN INSTITUTE OF CHEMICAL BIOLOGY

4, Raja S. C. Mullick Road, Kolkata-700 032
(Established in the year 1935)

The Indian Institute of Chemical Biology has always focussed basic research in Bio-Medical science. Over the years, it has endeavoured to attain excellence in basic biological research and to focus attention on applied research.

MAIN AREAS OF ACTIVITY :

Leishmaniasis, Vibrio Cholerae, Developmental Neurobiology and Neurological Disorders, Cell Biology, Reproductive Biology, Chemistry of Bio-active Substances, Immunobiology and Immunochemistry, Protein Engineering and Structural Biology, Bio-technology, Theoretical Biology and Modelling of Bio-systems, Drug Designing and Molecular modelling.

AIMS AND OBJECTIVES

- Understanding the molecular basis of pathogenicity of parasitic and bacterial diseases of national importance. Development of early diagnostic methods and immunoprophlactic measures.
- Investigation of the role of thyroid hormones in brain development. Mechanisms of genesis of the features of Parkinson's disease and clinical studies of early diagnosis of the disease as also monitoring of drug therapy.
- Identification and characterization of bioactive materials from natural sources synthesis of new molecules and exploration of their usefulness as potential drugs.
- Mapping of small genomes and sequencing.
- Studies on human genetics of the Indian subcontinent. Identification of disease genes and gene therapy.
- Development of radiopharmaceuticals for diagnosis of different functional disorders.
- Development of diagnostic kits for determination of hormonal disorders.
- Understanding the molecular mechanisms of cellular regulation in gastric hyperacidity and ulceration, muscular dystrophy and related abnormalities.

6.3.9 SATYENDRA NATH BOSE NATIONAL CENTRE FOR BASIC SCIENCES

Block JD, Sector III, Salt Lake, Kolkata - 700 091.

The Satyendra Nath Bose National Centre For Basic Sciences was established in 1986 to foster the growth of advanced studies in selected branches of basic sciences and to conduct original researches in theoretical and mathematical sciences and other basic sciences in frontier areas including challenging theoretical studies of future application and to train young scientists for basic researches.

Main Programmes are :

Theoretical Physics, Applied Mathematics, Mathematical Modeling and Theoretical Chemistry. This centre has been maintaining an excellent standard in research activities, conducting various seminars and collaborating programmes with different universities in and outside the country.

Some of the research projects undertaken :

Electronic structure of random alloys, Nuclear Fission and Nuclear structure calculation, Probing the foundation of Quantum Theory, High-Tc Super conductors-effects of radiation damage, Liquid Crystals, Statistical mechanics-theory of sand piles and aggregates.

CHAPTER – 7

COLLEGES

7.1 General Information on Govt. and Non-Govt. Colleges

7.2 Games and Sports in Colleges

7.3 Hostel Facilities in Colleges

7.4 Some Salient Features of Colleges

CHAPTER – 7

COLLEGES

7.1 GENERAL INFORMATION ON GOVERNMENT AND NON-GOVERNMENT COLLEGES:

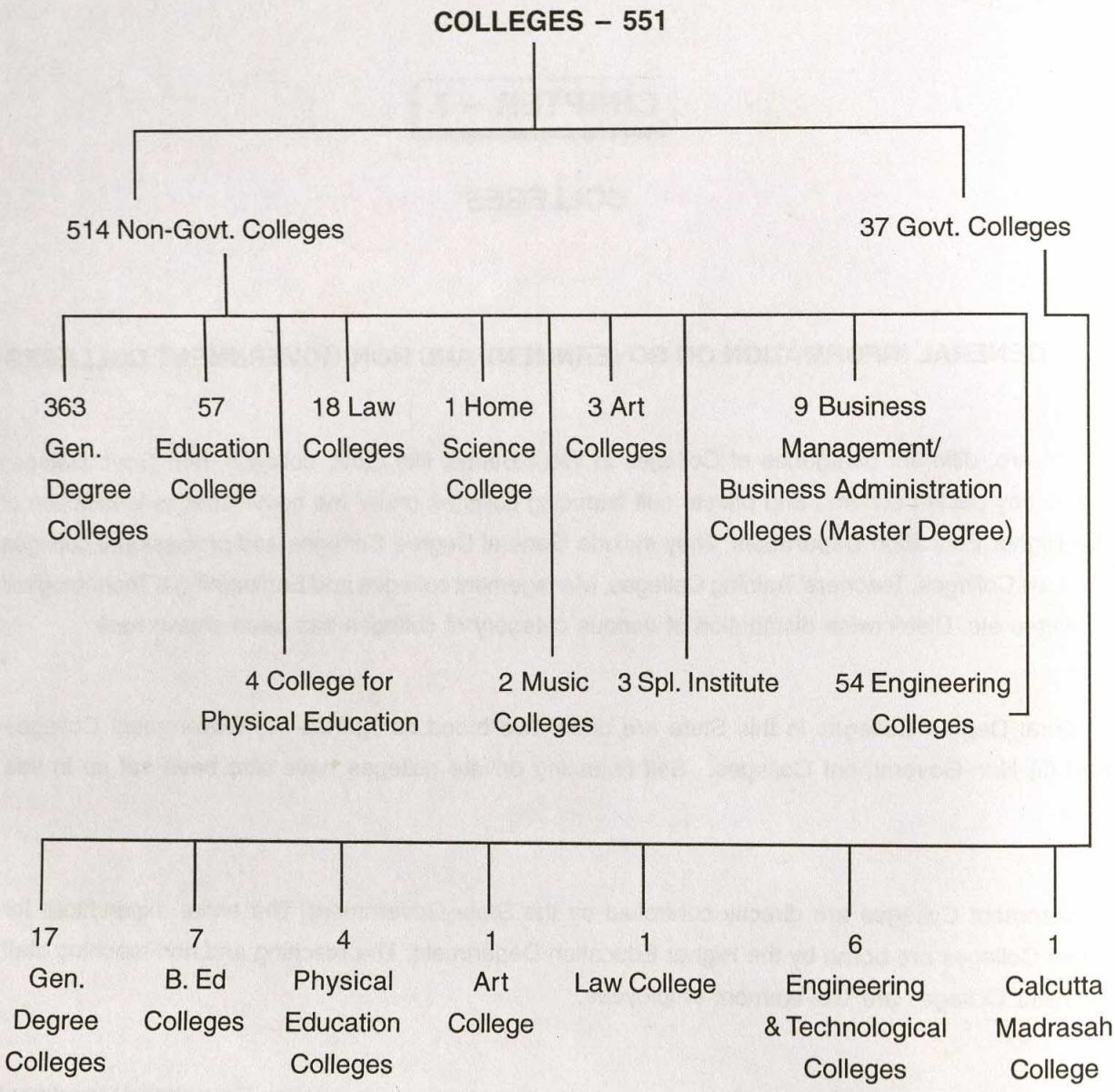
There are, different categories of Colleges in West Bengal like Govt. colleges, non Govt. colleges under pay packet scheme and private self financing colleges under the administrative jurisdiction of the Higher Education Department. They include General Degree Colleges and professional colleges like Law Colleges, Teachers' Training Colleges, Management colleges and Engineering & Technological Colleges etc. Districtwise distribution of various category of colleges has been shown here.

General Degree Colleges in this State are under two broad categories—(i) Government Colleges and (ii) Non-Government Colleges. Self financing private colleges have also been set up in this area.

Government Colleges are directly controlled by the State Government. The entire expenditure for these Colleges are borne by the Higher Education Department. The teaching and non-teaching staff of these Colleges are Government employees.

The Non-Government Degree Colleges are also financed by the Higher Education Department almost entirely. In 1978, the PAY PACKET SCHEME was introduced for payment of salary of teaching and non-teaching employees of the Colleges under the West Bengal Colleges (Payment of Salaries) Act, 1978. All Non-Government degree colleges (including erstwhile sponsored colleges) receive salary under this scheme. Recently the State Govt. has allowed a few autonomous non profit making societies/trusts to set up a few private colleges on self financing basis. The General Degree Colleges have a wide variety in enrolment, subjects offered and in educational achievements.

COLLEGES


COLLEGES – 551
514 Non-Govt. Colleges
37 Govt. Colleges
363 Gen. Degree Colleges
57 Education College
18 Law Colleges
1 Home Science College
3 Art Colleges
9 Business Management/ Business Administration Colleges (Master Degree)
4 College for Physical Education
2 Music Colleges
3 Spl. Institute
54 Engineering Colleges
17 Gen. Degree Colleges
7 B. Ed Colleges
4 Physical Education Colleges
1 Art College
1 Law College
6 Engineering & Technological Colleges
1 Calcutta Madrasah College

Districtwise distribution of colleges with Honours teaching facility is shown in the Table below.

District	No. of Gen. Degree Colleges (Govt. & Non-Govt.)	No. of Colleges with Hons. teaching facility
Bankura	15	12
Burdwan	27	25
Birbhum	14	10
Calcutta	68	66
Coochbehar	11	09
Darjeeling	17	13
Hooghly	25	24
Howrah	18	16
Jalpaiguri	13	09
Malda	09	08
Midnapore (East)	15	15
Midnapore (West)	21	18
Murshidabad	19	17
Nadia	15	15
North Dinajpur	06	04
North 24-Parganas	41	36
Purulia	12	11
South Dinajpur	04	04
South 24-Parganas	30	19
Total :	**380**	**331**

The Department feels that Honours teaching facility should be evenly distributed in the districts amongst various subjects in Arts, Science and Commerce Groups. Efforts are being made to move in that direction.

In the case of extension of affiliation to new subjects in the existing colleges, the infrastructure of the particular college, its teaching strength, academic record as evidenced by examination results, location, area served, etc. are taken into consideration. Special importance is also given for according affiliation to new subjects in colleges, which have a higher SC/ ST student population. A number of Govt. and Non-Govt. Colleges have been given extension of affiliation in respect of new subjects during 2006-2007. Some colleges have more than one shift on account of student population.

SHIFT SYSTEMS IN COLLEGES

Chittaranjan College, Calcutta	M + D + E
Seth Anandaram Jaipuria College, Calcutta	M + D + E
Victoria Institution, Calcutta	M + D
New Alipore College, Calcutta	D + E
Barrackpore Rastraguru Surendranath College, N.24–Parganas	D
Dum Dum Motijheel College, N. 24 –Parganas	M +D
Gobardanga Hindu College, N. 24-Parganas (B.Ed)	D + E
Narasingha Dutta College, Howrah	M + D + E
Uluberia College, Howrah (B.Ed)	D + E
Bidhan Chandra College, Rishra, Hooghly	D + E
Midnapore College	M + D
B. B. College, Asansol, Burdwan	M + D + E
Burdwan Raj College	M + D + E
Katwa College, Burdwan	M + D
M. U. C. Women's College, Burdwan	M + D
Sri Gopal Banerjee College, Bagati, Hooghly	M + D + E
Rampurhat College, Birbhum	M + D + E
Vidyasagar College, Suri	D + E
Ramananda College, Bankura	D + E
Malda College, Malda	M + D + E
Hooghly Mohsin College, Hooghly	M + D + E
Taki Govt. College, N. 24 – Parganas	M + D
Barasat Govt. College, N. 24- Parganas	M + D
Goenka College of Commerce, Calcutta	D + E
A. B. N. Seal College, Coochbehar	M + D
Durgapur Govt. College, Burdwan	M + D
Jhargram Raj College, Midnapur	M + D
Darjeeling Govt. College, Darjeeling	M + D
Chandernagar Govt. College, Hooghly	M + D + E
Sree Chaitanya College	D + E
Bolpur College	D + E
T.D.B. College, Raniganj	M + D
Panskura Banamali College	M + D + E
B. B. College, Asansol	D + E

M = Morning, D = Day, E = Evening

Out of 380 General Degree Colleges in West Bengal only 258 Colleges have the facility for science teaching at General and / or Honours level. These science-teaching colleges are, however, not evenly distributed throughout all the districts. The following table will show percentage of distribution of colleges with science teaching facility in the districts.

COLLEGES WITH SCIENCE TEACHING FACILITY

District	Total No. of General Degree Colleges	No. of Colleges with Science teaching facility	Percentage of Science Teaching Colleges to General Degree Colleges	Percentage of Science Teaching Colleges in the district to total No. of Science Teaching Colleges in the State
Bankura	15	08	53.3	3.10
Burdwan	27	22	81.4	8.53
Birbhum	14	08	57.1	3.10
Calcutta	68	46	67.6	17.83
Coochbehar	11	06	54.5	2.33
Darjeeling	17	07	41.2	2.71
Hooghly	25	20	80.0	7.75
Howrah	18	12	66.7	4.67
Jalpaiguri	13	07	53.8	2.71
Malda	09	06	66.7	2.33
Midnapore (East)	15	11	73.3	4.26
Midnapore (West)	21	16	76.2	6.20
Murshidabad	19	11	57.9	4.26
Nadia	15	09	60.0	3.49
North Dinajpur	06	04	66.7	1.55
North 24-Parganas	41	34	82.9	13.18
Purulia	12	07	58.3	2.71
South Dinajpur	04	03	75.0	1.16
South 24-Parganas	30	21	70.0	8.14
Total	**380**	**258**	**67.9**	**100.00**

COLLEGES

Most of the sciences teaching colleges teach physical sciences (Physics/Chemistry). Life Sciences (Botany/Zoology/Physiology) are taught in less number of colleges. Subjects like Statistics, Geology, Computer Science, Electronics, etc. are taught in a limited number of colleges although there is a great demand for those subjects. In view of the above, the Higher Education Department has been granting affiliation for Computer Science and Electronics in several colleges at both the general and the honours level.

It may be noted from the following table that only 207 colleges offer teaching in Commerce. As regards districtwise distribution of these colleges, the percentage is high (i.e. more than 60%) in only 6 districts, namely, Howrah, Hooghly, Burdwan, Birbhum, Nadia and South 24 Parganas.

Number & percentage of Colleges in districts offering facility in commerce teaching

District	Number of General Degree Colleges	No. of Colleges offering Commerce teaching facility	Percentage
Bankura	15	07	46.67
Burdwan	27	18	66.67
Birbhum	14	08	57.14
Calcutta	68	37	54.41
Coochbehar	11	04	36.36
Darjeeling	17	06	35.29
Hooghly	25	18	72.00
Howrah	18	15	83.33
Jalpaiguri	13	04	30.77
Malda	09	03	33.33
Midnapore (East)	15	09	60.00
Midnapore (West)	21	10	47.62
Murshidabad	19	08	42.11
Nadia	15	11	73.33
North Dinajpur	06	03	50.00
North 24-Parganas	41	18	43.90
Purulia	12	06	50.00
South Dinajpur	04	02	50.00
South 24-Parganas	30	20	66.67
Total	**380**	**207**	**54.47**

GIRLS' COLLEGE

The principle of equity demands expansion and promotion of girls' education. The distribution of girls' Colleges is shown below :

Number of Girls' Colleges in districts with Hostel facility

District	Number of Girls' General Degree Colleges	College with Hostel facility
Bankura	01	01
Burdwan	04	04
Birbhum	00	00
Calcutta	46	12
Coochbehar	01	00
Darjeeling	03	00
Hooghly	04	01
Howrah	01	00
Jalpaiguri	01	01
Malda	01	01
Midnapore	02	02
Murshidabad	01	01
Nadia	01	01
North Dinajpur	00	00
North 24-Parganas	06	02
Purulia	01	01
South Dinajpur	01	01
South 24-Parganas	02	00
Total :	**76**	**28**

There are girls' colleges in all districts except Birbhum and North Dinajpur. The oldest Girls' College in the State is Bethune College, which was established in 1879. Besides the above-mentioned colleges, there are some professional colleges (Teachers' Training / Fine Arts/ Home Science etc.) which are meant for girls' students only. There are some co-education colleges with facility of Girls' Hostel.

7.2 GAMES AND SPORTS IN COLLEGES

FACILITIES

Although games and sports are not included in regular curricular programme of General Degree Colleges, the Government encourages these activities in various ways. There are posts of Physical Instructor/ Physical Instructress in all Government Colleges and in some Non-Government Colleges. They are entrusted with the responsibility of organising games and sports in respective colleges. Grants are released to colleges for purchase of equipment for games and sports.

GOVERNMENT COLLEGES

Most of the Govt. Colleges have playgrounds within or outside. The students of the colleges are encouraged to participate in games and sports. An INTER-GOVT. COLLEGE ATHLETIC MEET is held every year.

NON-GOVERNMENT COLLEGES

The picture of the non-Govt. colleges is slightly different. It is understood from available data that 105 colleges have playground attached to those colleges, while 25 colleges have playground outside the campus. But the playgrounds of most of those colleges are not spacious enough for popular games like football or cricket. Like Govt. Colleges, inter non-Govt. College athletic meet and Football competition is organised by the Directorate of Physical Education annually.

7.3 HOSTEL FACILITIES IN COLLEGES

All the Government Engineering and Technological Colleges have hostel facility. All the Govt. Teachers' Training Colleges, excepting one, also have this facility. Amongst the Govt. General Degree Colleges, however, only ten colleges have hostels. Amongst the non-Govt. (General Degree and Teachers' Training) colleges, ninety three colleges offer this facility. The number of non-Govt. colleges in each district having hostel facility is shown below :

NUMBER OF COLLEGES IN DISTRICTS OFFERING HOSTEL FACILITY

District	No. of Govt. Colleges with approved Hostel facility			No. of Non-Govt. Colleges with approved Hostel facility		
	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL
Bankura	—	—	—	05	01	06
Burdwan	—	—	—	03	03	06
Birbhum	—	—	—	06	—	06
Calcutta	03	02	05	07	04	11
Coochbehar	01	01	02	—	—	—
Darjeeling	—	01	01	—	—	—
Hooghly	02	02	04	08	02	10
Howrah	—	—	—	02	—	02
Jalpaiguri	—	—	—	02	—	02
Malda	01	—	01	01	01	02
Midnapore (East)	—	—	—	04	01	05
Midnapore (West)	01	01	02	07	01	08
Murshidabad	—	—	—	03	01	04
Nadia	01	—	01	—	—	—
North Dinajpur	—	—	—	—	—	—
North 24-Parganas	02	—	02	07	02	09
Purulia	—	—	—	01	—	01
South Dinajpur	—	—	—	—	—	—
South 24-Parganas	—	02	02	03	—	03
Total	**11**	**09**	**20**	**59**	**16**	**75**

Demography and Colleges

Name of the District	Comparative Area size 2001	Comparative Population size 2001	Sex Ratio	Density of Population per. sq. km	No. of General Degree Colleges
Bankura	7.75%	3.98%	953	464	15
Burdwan	7.91%	8.63%	921	985	27
Birbhum	5.12%	3.76%	949	663	13
Calcutta	0.22%	5.71%	828	24760	68
Coochbehar	3.82%	3.09%	949	732	11
Darjeeling	3.55%	2.00%	943	510	17
Hooghly	3.55%	6.28%	947	1601	25
Howrah	1.65%	5.33%	906	2913	17
Jalpaiguri	7.02%	4.24%	941	547	12
Malda	4.21%	4.10%	948	881	09
Midnapore (East)	7.75%	3.98%	953	464	15
Midnapore (West)	15.87%	12.01%	955	685	20
Murshidabad	6.00%	7.31%	952	1101	19
Nadia	4.42%	5.74%	947	1172	15
North Dinajpur	3.54%	3.04%	937	778	06
North 24-Parganas	4.62%	11.13%	927	2181	41
Purulia	7.05%	3.16%	953	405	11
South Dinajpur	2.50%	1.87%	950	677	04
South 24-Parganas	11.22%	8.61%	938	694	30

Districtwise distribution of different types of Colleges

District	General Degree (BA/BSc. B.Com)	B. Ed	Physical Edn.	Law	Home Science	Music	Art	Engg. & Tech.	Business Manage-ment	Special Institu-tions	Total
Bankura	15	4	–	–	–	–	–	2	–	–	21
Burdwan	27 (1G)	4 (1G)	–	3	–	1	1	8	1	2	47
Birbhum	14	1	–	1	–	–	–	2	–	–	18
Calcutta	68 (6G)	8 (1G)	–	4	1	1	1(1G)	17 (2G)	7	2 (1G)	109
Cooch-Behar	11(1G)	1	1 (1G)	–	–	–	–	–	–	–	13
Darjeeling	17 (1G)	2	–	–	–	–	–	1	–	–	20
Hooghly	25 (2G)	3 (2G)	2(1G)	1(G)	–	–	–	5 (1G)	–	–	36
Howrah	18	4	–	–	–	–	–	6	1	–	29
Jalpaiguri	13	3	1	1	–	–	–	1(G)	–	–	19
Malda	09	3(1G)	–	–	–	–	–	1	–	–	13
Midnapore East	15 (1G)	3	–	1	–	–	1	2	–	–	22
Midnapore West	21 (1G)	3	–	1	–	–	–	1	–	–	26
Murshi-dabad	19	6	1	2	–	–	–	3 (1G)	–	–	31
Nadia	15 (1G)	2	–	1	–	–	–	4 (1G)	–	–	22
North Dinajpur	06	2	–	–	–	–	–	–	–	–	08
North 24 Pgs	41 (3G)	7 (1G)	2 (1G)	1	–	–	1	3	–	–	55
Purulia	12	2	–	–	–	–	–	–	–	–	14
South 24 Pgs	30	4 (1G)	1 (1G)	2	–	–	–	4	–	–	41
South Dinajpur	04	2	–	1	–	–	–	–	–	–	07
Total	**380**	**64**	**8**	**19**	**1**	**2**	**4**	**60**	**9**	**4**	**551**

G – Indicates Govt. College

7.4 SOME SALIENT FEATURES OF COLLEGES

A. Government Colleges

- **Centre for Advanced Study :**

Presidency College has a Centre for Advanced Studies in Economics. This centre was started in 1972 under the Special Assistance Programme of the U.G.C. The centre helps in conducting the teaching programme in Economics at B.A (Hons) level and carries out research programmes. Seminars and workshops are also organised by the Centre on various aspects of macro and micro-economics. The primary thrust of research in the Centre has been in the formulation of approaches and methods for understanding some important problems of Indian economy. Two posts of Professors have been created by the Govt. of West Bengal exclusively for the Centre. The Geology Deptt. of Presidency College has been declared as Centre for Advance Studies (CAS) by the U.G.C. in 2006 and Rs. 1 Crore has also be granted for overall upgradation of infrastructure of this Department.

- **College of Excellence :**

Presidency College is the first college in West Bengal to be declared as the 'College with Potential for Excellence' by the UGC and Rs. 35 lakhs have been granted by UGC which is being used for total computerization of the college. Loreto College, St. Xavier's College and Scottis Church College, Kolkata have also earned this distinction.

- **Research / Partnership :**

Ford Foundation, UGC, DST -GoI, CSIR, etc, have funded special research and academic projects in top government colleges. Presidency College alone has received nearly Rs. 5 cr. Libraries, Laboratories and Computer systems have been upgraded to enhance research and other academic facilities.

- **Created financial flexibility :**

The Principal's of the Govt. Colleges have been given the financial powers of DPI/Secretary for sanctioning expenditure. They do not have to approach HE Deptt/DPI for these matters, as was the system before.

NON-PLAN PROVISION FOR PAYMENT OF SALARY UNDER THE BUDGETARY HEAD "2202-03-103-NON-PLAN" FOR THE STAFF (TEACHING AND NON-TEACHING) OF THE GOVERNMENT DEGREE COLLEGES (EXCEPTING THE GOVT. ENGINEERING & TECHNOLOGICAL COLLEGES AND MEDICAL COLLEGES).

Year	Provision of Fund (Rs. in lakhs)
1994-95	24,05.78
1995-96	29,10.88
1996-97	33,79.00
1997-98	39,45.00
1998-99	39,50.00
1999-2000	57,33.80
2000-2001	63,53.63
2001-2002	59,25.68
2002-2003	61,16.31
2003-2004	48,86.57
2004-2005	42,30.70
2005-2006	45,78.40
2006-2007	46,86.00

B. Non-Government Colleges

Beside the Government Colleges, the State at present has 501 Non-Government Colleges of different categories of which 375 are non-Government General Degree College. Serampore College, established in 1818 under the initiative of the Danish Government is the oldest. It thus coincides with the year of establishment of Hindu College (later Presidency College) in Calcutta. It was followed by Krishnath College (1858), St. Xaviers' College (1860), St. Paul's College (1865) and Midnapore College (1873). The establishment of the colleges was, in some cases, associated with the National (Education) Movement in India during the British period, such as Surendranath College (1884) and Jadavpur Vidyapith (now Jadavpur Vidyapith College of Education). The decadal growth of Colleges (Appendix II) will show the course of development of Non-Government Colleges.

Since Independence, the Central and the State Governments have appointed various commissions in the field of education, the University Education Commission, 1948-49, the Indian Education

Commission (Kothari Commission), 1964-66 and the Education Commission (Ashok Mitra Commission), 1992-93 etc. for the improvement of education and the service conditions of the Non-Government College teachers which were not at par with those of the Government Colleges teachers. Various effective steps have been taken for the improvement of the service conditions of teachers of Non-Government Colleges since the Left Front Government came into power in 1977, which include :

- As there was no security in service of College teachers and the payment of their salary was irregular, the present Government, after assumption of power, passed the West Bengal College (Payment of Salaries) Act, 1978 by which the security of service and the payment of salaries were ensured by the State Government. The Pay Packet Scheme is administered by Education Directorate.

- The Governing body of the Non-Government Colleges was democratized by the inclusion of elected representatives of the teaching and the non-teachings staff of the college.

- Previously the non-Government Colleges had to deposit 50% of their income in the Government Exchequer against the total payment of salary by the State Government. But the Government has waived this deposit.

- Similarly, Death-cum-Retirement benefit scheme was sanctioned for teachers of Non-Government Colleges in 1978. In 1993-94 an enhanced rate of pension and other benefits were sanctioned for teachers who had opted for them, making the benefits at par with those of the Government College teachers. A Pension Cell is attached to the Pay Packet Section of the Education Directorate to look after the payment of the Retirement Benefits of the Non-Government College teachers. Recently (2005-06) Govt. has taken urgent steps to clear the backlogs in pension related cases.

- Setting up of new departments/affiliation of new subjects in the emerging areas.

- Setting up of new courses/programme on self financing basis.

- Professional and vocational courses in collaboration with different organisations/institutes.

Expansion and Quality improvement :

The State Government has concentrated on the decentralization of educational opportunities to the rural and other backward areas of the State to meet the demands of the people for education. Between 1977 to 2004 of General Degree Colleges have been established in different parts of the

State. The State Government is equally conscious of the need for improvement of the quality of college education. Every year the State Government has been sanctioning grants for the development of libraries and laboratories of the Colleges. Funds are also released for the repair, reconstruction/ renovation and extension of college buildings.

The responsibility of management of non-Government colleges lies with the Governing Bodies of the colleges subject to overall jurisdiction of the State Govt. The academic matters of the Colleges are looked after by the University concerned to which the colleges are affiliated.

NON-PLAN PROVISION FOR PAYMENT OF SALARY UNDER THE BUDGETARY HEAD "2202-03-104-NON-PLAN" FOR THE STAFF (TEACHING AND NON-TEACHING) OF THE NON-GOVT. DEGREE COLLEGES.

Year	Provision of Fund (Rs. In lakhs)
1994-95	113,30.00
1995-96	138,50.00
1996-97	144,60.00
1997-98	165,83.00
1998-99	176,00.00
1999-2000	204,40.00
2000-2001	243,20.00
2001-2002	263,00.00
2002-2003	283,27.84
2003-2004	297,44.23
2004-2005	342,00.00
2005-2006	377,52.54
2006-2007	386,53.13

C. National Assessment & Accreditation Council (NAAC)

The last five decades have seen a notable increase in the number of Higher Education Institutions in the country. The need for quality in public Instructions cannot be overlooked in any level of educational

structure of the country. However, maintenance of quality in Higher Education considering all socio-economic aspects, including the higher amount of investment per student, is a matter of paramount importance.

In order to address this issue of quality in higher education in the country, an apex evaluatory body, the National Assessment and Accreditation Council (NAAC, Bangalore) has been constituted under the jurisdiction of the University Grants Commission, New Delhi in 1994.

In West Bengal seven state-aided universities attached to this department and one hundred six General Degree Colleges have been assessed and accredited by NAAC so far.

- **Placement of Teachers in Non-Government Colleges**

  The State Government established the West Bengal College Service Commission in 1979 for making recommendations for filling up the vacancies of different categories of teaching posts in Non-Government colleges. The College Service Commission has been successful in filling up the vacant posts of academic staff in large numbers and has helped in raising the academic atmosphere in the Colleges.

- **Commitment of the State Govt. towards Payment of higher remuneration to Part-time Teachers**

  Effective steps have already been taken towards payment of remuneration to part time teachers @ Rs. 4000/pm . Rs.107 crore has been allotted during 2005-2006 fiscal. Provisions have also been made in the current year's budget in this matter.

- **Sanction of Additional post of teachers for the Colleges**

  During the year, 1000 teaching posts in non-Govt. colleges and 125 teaching posts in Govt. colleges have been created.

CHAPTER – 8

PROFESSIONAL COURSES

(Other than Engineering, Technology and Management)

8.1 Teachers' Training

8.2 Physical Education

8.3 Law Education

8.4 Computer and IT related Education Programme

8.5 Art Education

8.6 Music

8.7 Language Courses

CHAPTER – 8

PROFESSIONAL COURSES

Apart from Engineering & Technology Education leading to B.E./B.Tech. & M.E./M.Tech./MCA courses and the Management programme leading to MBA/MBM/PGDBM etc. conducted in Engineering & Technology and Management Institutions, DOEACC accredited Computer courses (O,A&B level), B.C.A. are also imparted in a number of General Degree Colleges, in a few universities and in some other institutions.

In addition to the above, Professional courses like Law Education, Teachers training including Physical Education, Art Education, Music, Home Science etc. are conducted in different professional institutions as detailed below :

District	B.Ed	Phy. Edn.	Law	Home Science	Music	Art	Special Institutions	Total
Bankura	4	–	–	–	–	–	–	4
Burdwan	4 (1 G)	–	3	–	1	1	2	11
Birbhum	1	–	1	–	–	–	–	2
Calcutta	8 (1 G)	–	4	1	1	1 (1G)	2 (1G)	17
Coochbehar	1	1 (1 G)	–	–	–	–	–	2
Darjeeling	2	–	–	–	–	–	–	2
Hooghly	3 (2 G)	2 (1 G)	1 (G)	–	–	–	–	6
Howrah	4	–	–	–	–	–	–	4
Jalpaiguri	3	1	1	–	–	–	–	5
Malda	3 (1 G)	–	–	–	–	–	–	3
Midnapore East	3	–	1	–	–	1	–	5
Midnapore West	3	–	1	–	–	–	–	4
Murshidabad	6	1	2	–	–	–	–	9
Nadia	2	–	1	–	–	–	–	3
North Dinajpur	2	–	–	–	–	–	–	2
North 24-Parganas	7 (1 G)	2 (1 G)	1	–	–	1	–	11
Purulia	2	–	–	–	–	–	–	2
South 24-Parganas	4 (1 G)	1 (1 G)	2	–	–	–	–	7
South Dinajpur	2	–	1	–	–	–	–	3
TOTAL	**64**	**8**	**19#**	**1**	**2**	**4**	**4**	**102**

G - Indicates Govt. College

This excludes three University Law Department (C.U., B.U., N.B.U.) and W.B. University of Juridical Science but includes seven self-financing private law colleges.

PROFESSIONAL COURSES

8.1 TEACHERS' TRAINING

Secondary Teacher Education Programme in West Bengal :

In all there are 47 Secondary Teacher Education (B.Ed) Institutions established decades ago. Out of these 7 are Government Colleges, 19 are Government aided full-fledged colleges, 15 are Government aided General Colleges with B.Ed. Departments and 6 Universities where B.Ed. Course is offered.

In the last 3 years 35 new Secondary Teachers Education Institutions have been established on self-financing basis with a view to cope with the growing demand of trained teachers in the State. The Government of West Bengal has issued no objection for establishment of such colleges on the recommendation of West Bengal State Council of Higher Education and the Universities have given affiliation to some of those colleges for running the B.Ed. Course.

All the 7 Government Colleges and all 6 B.Ed. Departments in the Universities are, at present, recognized by the National Council for Teacher Education (NCTE). Out of 19 Non-Govt. full-fledged teacher training colleges 11 have already got recognition of NCTE and the rest are under process of getting the same very soon. Out of 15 non-Govt. Degree Colleges having B.Ed. Department 7 have already got recognition from NCTE. Out of 36 very recently established self-financing colleges 3 have secured NCTE recognition.

The training colleges not yet recognized by the NCTE are getting ready to achieve that and the Govt. of West Bengal has taken necessary steps to get those colleges recognized as soon as possible.for Women, Hastings House, Govt. Training College, Hooghly, and Ramkrishna Mission Sikshak Sikshan Mandir, Belurmath, have been upgraded to Centres for Teacher Education(CTE). Two more colleges are going to be upgraded to CTE very soon.

The Teachers' Training Colleges fall into two categories: (a) B.Ed Colleges and (b) Physical Education Colleges.

LIST OF SECONDARY TEACHERS' TRAINING COLLEGES IN WEST BENGAL WITH THEIR AFFILIATING UNIVERSITIES

GOVT. B.ED. COLLEGE			
Sl.No.	Name of the Secondary Teachers' Training College	Affiliating University	Course Conducted
1.	David Hare Training College, 25/3, Ballygunge Circular Road, Calcutta –700 019	Calcutta	B. Ed.
2.	Institute of Education for Women, Hastings House, Alipore, Calcutta –700 027.	Calcutta	B. Ed.
3.	Government Training College, Hooghly, P.O.& Dist. Hooghly	Burdwan	B. Ed.
4.	Institute of Education for Women, Chandernagore, Dist. Hooghly.	Burdwan	B. Ed.
5.	Government Teachers' Training College, P.O. & Dist-Malda.	North Bengal	B. Ed.
6.	Government College of Education, Banipur, P.O. & Dist-24-Parganas (North)	Calcutta	B. Ed.
7.	Government College of Education, P.O. & Dist- Burdwan	Burdwan	B. Ed.
GOVT. SPONSORED B. ED. COLLEGE			
1.	A.C.Training College, P.O. & Dist-Jalpaiguri.	North Bengal	B. Ed.
2.	Sree Ramkrishna B.T. College. Darjeeling, Bagmari House, P.O. & Dist-Darjeeling.	North Bengal	B. Ed.
3.	Sevayatan B.T. College, P.O. Sevayatan, Dist – Midnapore (West).	Vidyasagar	B. Ed.
4.	R. K. M. Sikshan Mandir, B.Ed, College, P.O. Belurmath, Dist – Howrah.	Calcutta	B. Ed.
5.	Sponsored Teachers Training College, P.O. & Dist- Purulia.	Burdwan	B. Ed.
6.	Raiganj B.Ed. College, Karnojora Housing Estate, P.O. Raiganj, Dist–West Dinajpur.	North Bengal	B. Ed.

PROFESSIONAL COURSES

NAME OF THE SECONDARY TEACHERS' TRAINING COLLEGE			
1.	Union Christian Training College, P.O. Berhampore, Dist-Murshidabad	Kalyani	B. Ed.
2.	Shimurali Sachinandan College of Education, P.O. Anur, Dist-Nadia.	Kalyani	B. Ed.
3.	R.K. Saradapith (B.Ed. College) P.O. Anur, Dist–Hooghly	Burdwan	B. Ed.
4.	Nikhil Banga Sikshan Mahavidyalaya, P.O. Bishnupur, Dist–Bankura.	Burdwan	B. Ed.
5.	Vidyasagar Teachers' Training College, P.O. & Dist-Midnapore.	Vidyasagar	B. Ed.
6.	Gopal Chandra Memorial College of Education, P.O. New Barrackpore, Dist-24 Parganas (North).	Calcutta	B. Ed.
7.	Gandhi Centenary B.T. College, P.O.Habra, Dist –24-Parganas (North)	Calcutta	B. Ed.
8.	A.B.T.T. College, Calcutta, P-14,Ganesh Chandra Avenue, Calcutta-13	Calcutta	B. Ed.
9.	Calcutta Girls' B.T.College, 6/1 , Swinhoe Street, Calcutta -19	Calcutta	B. Ed.
10.	Nandalal Ghosh B.T. College, P.O. Madral, Dist. 24-Parganas (North)	Calcutta	B. Ed.
11.	Siliguri B.Ed. College, P.O. Kadamtala, Siliguri, Dist–Darjeeling.	North Bengal	B. Ed.
12.	Jadavpur Vidyapith College of Education, P.O. Jadavpur, Calcutta –700032	Calcutta	B. Ed.
13.	Ramkrishna Mission Brahmananda College of Education, P.O. Rahara, Dist. 24-Parganas (North)	Calcutta	B. Ed.
UNIVERSITY B. ED. DEPARTMENTS			
1.	Teachers' Training Department, Calcutta University, U. C. A. C. Alipur Campus 1, Reformatory Street, Calcutta-700027	Calcutta	B. Ed.
2.	Vinaya Bhawan, Viswa Bharati University, Santiniketan, Dist-Birbhum	Viswa Bharati	B. Ed.
3.	Kalyani University, P.O. Kalyani, Dist-Nadia	Kalyani	B. Ed.
4.	University B. T. College (North Bengal University), P.O. & Dist. Cooch Behar	North Bengal	B. Ed.

5.	University Institute of Science Education, University of Burdwan, P.O. & Dist –Burdwan.	Burdwan	B. Ed.
6.	B.Ed. Department, Rabindra Bharati University	Rabindra Bharati	B. Ed.
NON-GOVERNMENT DEGREE COLLEGE (having B.Ed. department)			
1.	St. Xavier's College, 30, Park Street, Calcutta –700 016	Calcutta	B.Ed.
2.	Scottish Church College, 1 & 3, Urquhart Square, Calcutta –700 006	Calcutta	B.Ed.
3.	Sree Sikshyatan College, 11, Lord Sinha Road, Calcutta –700016	Calcutta	B.Ed.
4.	Acharya J. C. Bose College, 1 / 1 A, Acharya J. C. Bose Road, Calcutta –700 071	Calcutta	B.Ed.
5.	Loreto College, 7, Middleton Row, Calcutta –700 071	Calcutta	B.Ed.
6.	Fakirchand College, Diamond Harbour, Dist –24-Parganas (South).	Calcutta	B.Ed.
7.	Gobardanga Hindu College, P.O. –Gobardanga, Dist. 24 –Parganas (North).	Calcutta	B.Ed.
8.	Uluberia College, P.O. –Uluberia, Dist-Howrah.	Calcutta	B.Ed.
9.	Bijoy Krishna Girls College, 5/3, Mahatma Gandhi Road, Dist–Howrah.	Calcutta	B.Ed.
10.	Panskura Banamali College, P.O. –Panskura, Dist–Midnapore.	Vidyasagar	B.Ed.
11.	Contai P. K. College, P.O.-Contai, Dist-Midnapore.	Vidyasagar	B.Ed.
12.	Tamralipta Mahavidyalaya, P.O.–Tamluk, Dist–Midnapore.	Vidyasagar	B.Ed.
13.	Katwa College, P.O. - Katwa, Dist. Burdwan	Burdwan	B.Ed.
14.	Kalna College P.O.-Kalna, Dist-Burdwan	Burdwan	B.Ed.
15.	Yogoda Satsanga Palpara Mahavidyalaya, P.O.- Palpara, Dist – Midnapore	Vidyasagar	B.Ed.

PROFESSIONAL COURSES

B.ED. COLLEGES (Self-financing)

Sl. No.	Name of the Secondary Teachers' Training College	Affiliating University	Course Conducted
1.	Mohanananda College, Rajbandh, Durgapur	Burdwan	B.Ed.
2.	Sarisa B. Ed. College, South 24 Pgs.	Calcutta	B.Ed.
3.	Institute of Education, Haldia	Vidyasagar	B.Ed.
4.	Ethna Education College, Sonamukhi	Burdwan	B.Ed.
5.	Santiniketan B. Ed. College, Ilambazar	Burdwan	B.Ed.
6.	Coochbehar B. Ed. College, Coochbehar	North Bengal	B.Ed.
7.	Gangarampur B. Ed. College, Daskshin Dinajpur	North Bengal	B.Ed.
8.	Prabharani B. Ed. College, Berhampore, Murshidabad	Kalyani	B.Ed.
9.	Balurghat B. Ed. College, Daskshin Dinajpur	North Bengal	B.Ed.
10.	Falakata B. Ed. College, Jalpaiguri	North Bengal	B.Ed.
11.	Malda Satish B. Ed. College, Malda	North Bengal	B.Ed.
12.	Saltora B.Ed. College, Bankura	Burdwan	B.Ed.
13.	Swarajnagar Teachers' Training College, Bankura	Burdwan	B.Ed.
14.	Eastern Dooars B.Ed. Training College, Jalpaiguri	North Bengal	B.Ed.
15.	Sammelani Teachers' Training College, 4, Santoshpur Avenue, Kol-75	Calcutta	B.Ed.
16.	Vivekananda Teachers' Training College, P.O. Kazigram, Dist. Nadia	North Bengal	B.Ed.
17.	Kabi Sukanta Secondary Teachers' Training Institute, Purba Medinipur	Vidyasagar	B.Ed.
18.	Krishnagar B.Ed. College, Nadia	Kalyani	B.Ed.
19.	Swami Vivekananda College of Education for Women,Barrackpore, North 24-parganas	Calcutta	B.Ed.
20.	Maulana Abul Kalam Azad Teachers' Training College, P.O. Tilana, Uttar Dinajpur	North Bengal	B.Ed.
21.	Jagadish Chandra Basu Sikshak Sikshan Mahavidyalaya, South 24-Parganas	Calcutta	B.Ed.
22.	Galsi Rabindra Nazrul College of Education, Burdwan	Burdwan	B.Ed.
23.	Jalangi B.Ed. College, Dumkal,Murshidabad	Kalyani	B.Ed.
24.	Bijoy Pal Memorial B.Ed. College, Asansol, Burdwan	Burdwan	B.Ed.

25.	Gangadharpur Sikhan Mandir, Howrah	Calcutta	B.Ed.
26.	Raidighi B.Ed. College, South 24-Pargs.	Calcutta	B.Ed.
27.	Dr. B.R. Ambedkar College, Paschim Medinipur	Vidyasagar	B.Ed.
28.	Pandit Raghunath Murmu Teachers' Training College, Murshidabad	Kalyani	B.Ed.
29.	Surendralal Das Teachers' Training College, Howrah	Calcutta	B.Ed.
30.	Dr. D. N. Sen College of Education, Howrah	Calcutta	B.Ed.
31.	Manbhum Institute of Education & Social Science, Purulia	Burdwan	B.Ed.
32.	Kolkata Teachers' Training College, North 24-Parganas	Calcutta	B.Ed.
33.	Ratulia Secondary Teachers' Training Institute, Purba Medinipur	Vidyasagar	B.Ed.
34.	Shyamaprasad College of Education & Training, Alipore, South 24-Parganas	Calcutta	B.Ed.
35.	Basantapur Education College, Dumkal, Murshidabad	Kalyani	B.Ed.
36.	Shyamsundar Institute of Education & Training	Calcutta	B.Ed.
37.	Aurangadabad B. Ed. Training College	Kalyani	B.Ed.

8.2 PHYSICAL EDUCATION

A list of institutions providing under-graduate and post-graduate education in physical education are given below :

GOVERNMENT PHYSICAL EDUCATION COLLEGES

Sl. No.	College	Affiliating University	Course Conducted	Intake Capacity
1.	Post-Graduate Training College for Physical Education, Banipur, North 24 Parganas. Ph. 953216-237032	Calcutta	M.P.Ed. (Co-ed.) B.P.Ed.(Co-ed.)	25 120
2.	State Institute of Physical Education for Women, Hastings House, Alipore, Kolkata, Ph. 24796824	Calcutta	B.P.Ed. (Women) M.P.Ed. (Women)	70 15
3.	Government Physical Education College for Women, Hooghly. Ph. 2683083	Burdwan	B.P. Ed. (Women)	20
4.	Government College of Physical Education for Women, Dinhata, Coochbehar. Ph. 953581-255154	North Bengal	B.P.Ed. (Women)	25

PROFESSIONAL COURSES

UNIVERSITY DEPARTMENTS (State University/Central University)

Sl. No.	Department	University	Course Conducted	Intake Capacity
1.	Department of Physical Education Kalyani University, Kalyani, Nadia Ph. 25828750	Kalyani	M.P.Ed. (Co-ed.) B.P.Ed.(Co-ed)	25 80
2.	Department of Physical Education Jadavpur University, Jadavpur Ph. 24136786	Jadavpur	M.P.Ed. (Co-ed.) B.P.Ed.(Co-ed)	20 50
3.	Department of Physical Education Viswabharati University, Santiniketan Ph. 953463-252672	Viswabharati	M.P.Ed. B.A./B.Sc., B.P.Ed. 4 (yrs)	20 30

NON-GOVERNMENT COLLEGES WITH PHYSICAL EDUCATION DEPARTMENT

Sl. No.	Department	University	Course Conducted	Intake Capacity
1.	Nikhil Banga Sikshan Mahavidyalaya, Bishnupur, Bankura (under pay packet scheme) Ph. 953244-252001	Burdwan	B. P. Ed. (Men)	50
2.	Union Christian Training College, Berhampore, Murshidabad (under pay packet scheme). Ph. 953482-250254	Kalyani	B. P. Ed. (Men)	50
3.	Seva Bharati Mahavidyalaya, Kapgari, West Midnapore (under pay packet scheme). Ph. 953226-263295	Vidyasagar	B. P. Ed. (Co-Ed)	50
4.	Panskura Banamali College, (East Midnapore) (under pay packet scheme). Ph. 953228-252222	Vidyasagar	B. P. Ed. (Men)	65
5.	Mukberia Gangadhar Mahavidyalaya, Bhupatinagar, East Midnapore (Self financing scheme). Ph. 953220-270236	Vidyasagar	B. P. Ed. (Co-Ed)	65
6.	Ananda Chandra College, Jalpaiguri, (Self financing scheme).	North Bengal	B. P. Ed. (Men)	50
7.	Garbeta College, P.O. Garbeta, Dist. West Midnapore (Self financing scheme) Ph. 953227-265143	Vidyasagar	B. P. Ed. (Men)	60

COLLEGES OFFERING PHYSICAL EDUCATION AS AN ELECTIVE SUBJECT

Sl. No.	College	District	Affiliating University
1.	Garhbeta College	West Midnapore	Vidyasagar
2.	Panskura Banamali College	East Midnapore	Vidyasagar
3.	Pingla Thana Mahavidyalaya	Midnapore	Vidyasagar
4.	Khajuri College	Midnapore	Vidyasagar
5.	Midnapur College	Midnapore	Vidyasagar
6.	Haldia Government College	Mindapore	Vidyasagar
7.	Jhargram Raj College	Midnapore	Vidyasagar
8.	Tamralipta Mahavidyalaya,	East Midnapore	Vidyasagar
9.	Mukberia Gangadhar Mahavidyalaya	Midnapore	Vidyasagar
10.	Seva Bharati Mahavidyalaya	West Midnapore	Vidyasagar
11.	Bajkul Miloni Mahavidyalaya	Midnapore	Vidyasagar
12.	Sabang Sajani Kanta Mahavidyalaya	Midnapore	Vidyasagar
13.	Belda College	Midnapore	Vidyasagar
14.	Vivekananda Mahavidyalaya, Haripal	Burdwan	Burdwan
15.	Rabindra Mahavidyalaya, Chapadanga	Hooghly	Burdwan
16.	Memari College	Burdwan	Burdwan
17.	Durgapur Govt. College	Burdwan	Burdwan
18.	Chatra Ramai Pandit Mahavidyalaya	Burdwan	Burdwan
19.	Kandi Raj College	Murshidabad	Kalyani
20.	Netaji Satabarshiki Mahavidyalaya	North 24 Parganas	Calcutta
21.	Banipur Mahila Mahavidyalaya	North 24 Parganas	Calcutta
22.	Dhrubachand Halder College	South 24 Parganas	Calcutta
23.	B. R. Ambedkar College, Betai	Nadia	Kalyani
24.	Scottish Church College, Kolkata	Kolkata	Calcutta
25.	Siliguri College	Darjeeling	North Bengal
26.	Cooch Behar College, Cooch Behar	Cooch Behar	North Bengal
27.	Ananda Chandra College, Jalpaiguri	Jalpaiguri	North Bengal
28.	Joypur P. Roy College	Howrah	Calcutta
29.	Mahishadal Girls' College, Mahishadal	Purba Medinipore	Vidyasagar

PROFESSIONAL COURSES

30.	P. N. Das College	North 24 Parganas	Calcutta
31.	B. N. Dutta Smriti Mahavidyalaya	Burdwan	Burdwan
32.	Vivekananda Mission Mahavidyalaya	Midnapore	Vidyasagar
33.	Raja Birendra Chandra College	Nadia	Kalayani
34.	A.P.C. College, New Barrackpore	North 24 Parganas	Calcutta
35.	Prabhu Jagat Bandhu College, Jorhat	Howrah	Calcutta
36.	Raja Rammohan Roy Mahavidyalaya, Radhanagar	Hooghly	Burdwan
37.	Srikrishna College, Bagula	Nadia	Kalyani
38.	Rani Dhanya Kumari College, Jiaganj	Murshidabad	Kalyani
39.	Bajkul Milani Mahavidyalaya, Bajkul	Purba Midnapore	Vidyasagar
40.	Belda College, Belda	Paschim Midnapore	Vidyasagar
41.	Chandrakona Vidyasagar Mahavidyalaya, Chandrakona	Paschim Midnapore	Vidyasagar

PHYSICAL EDUCATION COLLEGES (SELF-FINANCING)

Sl. No.	College	District	Affiliating University
1.	Raja Rammohan College for Physical Education	Hooghly	Burdwan University
2.	Model B.P. Ed. College	Jalpaiguri	North Bengal University
3.	Sunil Dhar B.P.Ed. College	Murshidabad	Kalyani University
4.	Jagadish Chandra Basu Sikshak Sikshan Mahavidyalaya	North 24-Parganas	Calcutta University

8.3 LAW EDUCATION

The introduction of law education in India can be traced back to the year 1827 when the course was introduced in Hindu College. When Presidency College came into being in 1855, law education became an important department of the College. Various factors, however, compelled this law department to be abolished in 1884. Ripon College (now Surendranath College) was granted affiliation to teach B. L. in 1885. The next major step in law education of the State was taken when Calcutta University opened its law college in 1909. Since 1970, four more law colleges have come up, along with law colleges at North Bengal and Burdwan Universities. The academic status of law education has however, fluctuated over the decades. Initially, it attracted brilliant scholars and produced most of the legal luminaries of the 19th century. After the First World War, the legal profession became overcrowded. After the Independence, law graduates came to be in high demand due to industrial and commercial growth and the facilities for law education was expanded.

Previously, the study of law comprised 3 year courses but of late, a major innovation has been made by introducing a 5-year integrated course on the recommendations of the All India Bar Council. The course starts beyond the H.S. stage and the first 2 years include, apart from some basic law courses, English, Political Science, History and allied subjects. The last three years are devoted to the teaching of only law subjects.

The West Bengal University of Juridical Science was formally inaugurated on 22nd April 2000. The admission to the 5-year Course in law offered by the University is made through an All India Entrance Examination. The present position in legal education in the State is enumerated below in a summary form. Law Colleges have also been established on self financing basis.

TYPE OF COURSES

(i) L.L.M. — 3 University Departments and in the newly established University of Juridical Sciences.

(ii) L.L.B. — 3 years after graduation

(iii) L.L.B. (Hons.) — 5 years after (10+2)

(i) L. L.M. COURSE

College	Intake					Duration
	M.	F.	S.C.	S.T.	TOTAL	
(a) Calcutta University						
Regular	6	2	2	-	10	2 yrs. : Day
External	11	0	3		14	
(b) Burdwan University	12	1	3		16	2 yrs. : Day
(c) North Bengal University	16	6	2	-	24	2 yrs. : Day

(ii) L.L.B. Course : 3 yrs. after graduation (40% or Hons./Master in any Subject)				
Sl. No.	Institutions	Affiliating University	Intake	Remarks
1.	Burdwan University Law Deptt.	-	80	University Law Deptt.
2.	Hooghly Mohsin College	Burdwan University	80	Afternoon classes
3.	Haldia Law College	Vidyasagar University	80	Self financing

(iii) L.L.B. (Hons.) / L.L.B. Course : 5 yrs. after 10+2 class				
Sl. No.	Institutions	Affiliating University	Intake	Remarks
1.	Calcutta University Law Department, Hazra Road, Kolkata-700019 Ph. : 475-1766/5801	Calcutta University	320	University Law Department,
2.	Jogesh Ch. Choudhury Law College 30 Prince Anwar Shah Road, Kolkata-700033 Ph. : 2473-4622	Calcutta University	320	Morning
3.	South Calcutta Law College 6/1, Swinhoe Street, Kol-19 Ph. : 2440-8182	Calcutta University	320	Morning
4.	Surendranath Law College 24/2, Mahatma Gandhi Road Kolkata-9, Ph.: 2350-3896	Calcutta University	320	Morning
5.	Sorsuna Law College, Sorsuna Kolkata-700061	Vidyasagar University	80	Self Financing
6.	Kingston Law College,Barasat, North 24-Parganas	Calcutta University	80	Self-financing
7.	Bikash Bharati Law College, Sukhdebpur, South 24-Parganas	Calcutta University	80	Self-financing

8.	Rabindra Siksha Sammilani Law College	Calcutta University	80	Self-financing
9.	North Bengal University Law College	North Bengal University	N/A	Self-financing (Day)
10.	Jalpaiguri Law College, Jalpaiguri	North Bengal University	80	"
11.	Balurghat Law College, Balurghat	North Bengal University	80	"
12.	Midnapore Law College, Midnapore West	North Bengal University	N/A	"
13.	Durgapur Institute of Legal Studies,City Centre, Durgapur	Burdwan University	N/A	"
14.	Law College Rajbandh, Durgapur	Burdwan University	80	"
15.	Bengal Law College Gopalnagar,Sriniketan Bypass, Doranda, Birbhum	Burdwan University	80	"
16.	Binoda Law College Durgapore, Burdwan	Burdwan University	80	"
17.	Bimal Chandra College of Law, Kandi, Murshidabad	Kalyani University	80	"
18.	Snehansu Kanta Acharya Institute of Law, Kalyani	Kalyani University	80	"
19.	MAB Institute of Juridical Science, Domkal, Murshidabad	Kalyani University	80	"

8.4 COMPUTER EDUCATION

a) *B. C. A. Course*

A number of General Degree Colleges affiliated to different universities including Calcutta, Burdwan and North Bengal are conducting BCA Courses. In a few Engineering Colleges affiliated to the West Bengal University of Technology, BCA course has been introduced.

b) ***Computer Science & Electronics (Hons.) and General Courses***

At present B.Sc.(Hons.) course in Computer Science and Electronics is offered in a number of general degree colleges. B.Sc.(General) courses with Computer Science are available in around 50 colleges and with Electronics in about 40 General Degree Colleges. Vocational courses in Computer Application are also available in some colleges.

B.Sc.(Hons.) courses in Internet Science and also in Software Technology affiliated institution have been introduced in a few Colleges of North Bengal University and in Burdwan University.

c) ***DOEACC Accredited Computer Courses in 'O' 'A' 'B' and 'C' level***

i) Computer Courses in 'O'(Foundation courses), 'A' (PGDCA), 'B' (B.Tech) And 'C' (M.Tech.) level are conducted at the Institute of Computer Engineers (India), Chatterjee International Centre, 33A, Chowringhee Road, Kolkata-700071 and in some other institutions.

ii) The DOEACC accredited 'O' & 'A' level courses are also conducted by the DOEACC Centre, Kolkata.

iii) Webel Informatics Ltd. Conduct a series of IT related courses.

d) ***The Netaji Subhas Open University,*** in collaboration with the Regional Computer Center, Kolkata, has set up the School of Digital Learning. The school is offering modular courses in Web Application Development, Information Technology and Multimedia Content Development etc.(leading to BCA degree), on a pilot basis at its premises in Gol Park,Calcutta-700 029.

e) ***Jadavpur University*** has introduced a number of short term courses in Multimedia, IT and related areas.

8.5 ART EDUCATION

There are four Art Colleges in the State; one of them is a Government College, one is a Non-Government College, supported by the Government for its maintenance and other two are self financing institutes.

8.5.1 GOVERNMENT COLLEGE OF ART AND CRAFT

28, Jaharlal Nehru Road, Kolkata-700 016.
Telephone : 2249-2027

The Government College of Art and Craft, originally started as the School of Art in 1864, was established in 1950. The University of Calcutta granted affiliation to the College in 1981. The Master of Visual Arts Course was started in 1999-2000.

The original building of the college is in the pattern of the Royal College of Art, London. Subsequently more buildings have come up to accommodate various departments and activities of the college.

COURSES OF STUDY AND OTHER ACTIVITIES

Five years integrated course :

i) Preparatory Course (equivalent to H. S.) —Two years

ii) Bachelor of Visual Arts (Honours Degree Course)- Three years with seven streams—Drawing and Painting (Western Style), Drawing and Painting (Indian Style), Graphic Design / Applied Art, Modeling and Sculpture, Ceramic Art and Pottery, Textile Design and Woodwork, Leather Craft, Toy making.

Master of Visual Art (MVA) : Two years Post graduate course with the following three streams –

A. Painting
   (a) Oil-based Techniques.
   (b) Water-based Techniques.
   (c) Print Making.

B. Modeling and Sculpture

C. Applied Art and Design.
   (a) Applied Art.
   (b) Ceramics.
   (c) Textiles.
   (d) Wood and Leather Craft.

8.5.2 THE INDIAN COLLEGE OF ARTS AND DRAFTSMANSHIP

72, Dum Dum Road, Kolkata-700 074
Establishment year-1893
(Affiliated to Rabindra Bharati University)

COURSES OFFERED :

Bachelor of Visual Arts: 5 years integrated course ; Preparatory course - 2 years duration consisting of 800 marks ; Theory-400 and Practical 400.

Specialization course of 3 years duration with Specialization in Painting, Sculpture and Applied Art (Commercial Arts). The course is of an Honours standard.

8.6 MUSIC

8.6.1 BENGAL MUSIC COLLEGE

P-1, C.I.T. Scheme - LXXII, Gariahat Road,
Kolkata-700 029, Ph. 2466-2692
(Affiliated to Calcutta University, Established : 1940)

OBJECTIVE

The Bengal Music College has been established to extend systematic training in the field of Indian Classical Music, Rabindra Sangeet, Folk Songs of Bengal, Thumri, Bhajan, Puratani and Modern Bengali Songs, etc. The College is a pioneer in the field of Music Education in West Bengal. The College offers Music as an elective subject in B.A/B.Sc. Degree Course under Calcutta University.

Name of Course	Duration	Intake Capacity
Bachelor in Music (Pass)	3 years	50 (including SC/ST)
Bachelor in Music (Hons.)	3 years	20 (including SC/ST)
Music as an elective subject B.A. / B. Sc. Course	3 years	200 (including SC/ ST)

Apart from the above college of Music, there is a Music college in Burdwan offering Degree and Diploma/Certificate in Rabindra Sangeet, Classical and Instrumental Music.

Rabindra Bharati and Viswa Bharati Universities have their Music Departments offering undergraduate and post-graduate degrees and diplomas.

8.7 LANGUAGE COURSES

Foreign languages taught at different centres in West Bengal

Sl. No.	Name of Institution	1 Arabic	2 Chinese	3 English	4 French	5 German	6 Italian	7 Japanese	8 Korean	9 Latin	10 Persian	11 Portuguese	12 Russian	13 Spanish	14 Tibetan
1.	Alliance Francaise (AF), 'Khalil Manzil', 217,A.J.C. Bose Rd., Kol-17, Ph. No.-2281-5198,2283-0769				✓										
2.	Bhowanipore Educational Society College (BESC), 5,Elgin Rd.,Kol-20,Ph. No.-2228-0381			✓	✓			✓						✓	
3.	Bengal Engineering and Science University (BESU), P.O.-Botanic Garden,Shibpur, Howrah-711103.			✓		✓									
4.	The British Institute (BI) 13/1A, Govt.Place, Kol-69, Ph.2243-0046			✓	✓	✓								✓	
5.	Burdwan University (BU), Rajbati, Burdwan,Pin-713104.			✓	✓	✓							✓		
6.	Chandernagore Govt. College (CGC), Chandernagore,Pin-712136.				✓										
7.	Calcutta University (CU), Senate House,College Street, Kol- 73	✓	✓	✓	✓	✓			✓		✓		✓	✓	✓
8.	Gorky Sadan (GS), Kolkata												✓		
9.	Indo-American Society (IAS), 17, Camac St,Kol-17 Ph. No.-2247-3756			✓											

'✓' indicate the course available in the centre.

PROFESSIONAL COURSES

	Name of Institution	1	2	3	4	5	6	7	8	9	10	11	12	13	14
10.	Institute of Culture (ICGP), Golpark,(R.K. Mission),Kol-29.	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	
11.	Italian Consulate (ICK), 3, Raja Santosh Road,Alipore,Kol-27						✓								
12.	Institute de Chandernagore (IDC), Strand Road,Chandernagore,Hooghly. Ph. No.2683-9661				✓										
13.	I.I.T.,Kharagpur(IITK) Kharagpur, West Midnapore,Pin-721302.			✓		✓									
14.	In Lingua (ILK), 129A,S.P. Mukherjee Rd.,Kol-26, Ph. 2465-7621				✓	✓		✓						✓	
15.	Jadavpur University (JU), Jadavpur,Kol-32.				✓	✓	✓	✓	✓			✓	✓	✓	
16.	Korean Culture and Language Centre (KCLC), AE-545,Salt Lake, Kol-64, Ph. 2321-1115								✓						
17.	Kalyani University (KU),Kalyani, Nadia,Pin-741235.		✓	✓									✓		
18.	Language Teaching Centre (LTC), G-11/7, Karunamoyee, Salt Lake, Kol-91 Ph. 2359-0019,2337-3429.							✓							
19.	Max Mueller Bhavan (MMB), (Goethe Inst.), Kolkata					✓									
20.	North Bengal University (NBU), Raja Rammohanpur,Darjeeling, Pin-734430.				✓										
21.	Rabindra Bharati University (RBU), 56A,B.T. Road,Kol-50.			✓			✓	✓						✓	
22.	Visva Bharati (VB),Shantiniketan, Birbhum,Pin-731235.		✓	✓	✓	✓	✓	✓					✓		
23.	World Trade Centre, Kolkata (WTCK), 1/1,Camac St. Kol-17, Ph. 2229-4010.		✓										✓		

CHAPTER – 9

ACTIVITIES OF THE WINGS OF THE GOVERNMENT, ACADEMIES AND ORGANISATIONS

9.1 Institut de Chandernagore

9.2 Institute of English

9.3 Joint Entrance Board

9.4 Netaji Institute for Asian Studies

9.5 National Service Scheme (NSS)

9.6 Paschim Banga Hindi Academy

9.7 West Bengal District Gazetteers

9.8 West Bengal State Archives

9.9 West Bengal State Book Board

9.10 West Bengal State Council of Higher Education

9.11 West Bengal College Service Commission (WBCSC)

9.12 Day Students' Homes

CHAPTER – 9

ACTIVITIES OF WINGS OF THE GOVERNMENT, ACADEMIES AND INSTITUTES

9.1 INSTITUT DE CHANDERNAGORE

Strand Road, Chandannagar, Hooghly, Phone-(003) 2683-9661

Indo French Cultural Centre & Museum (called Institut de Chandernagor) is situated on the west bank of river Hooghly. The ecology of this area is charmful and pleasant. Institute has potential in two aspects – education and tourism. The building of the Institute (Dupleix Palace) is a historical monument. The building itself is an object of the museum, architecture Neo-classical columns of Tuscan Order i.e. gothic style, rebuild in 1812-14.

The Institute is a mass Education Centre to run with three wings – Museum, Library and French language study, also to promote the culture and heritage of two countries India and France.

The 2nd and 3rd Meeting of the Governing Body of the Institut de Chandernagor were held on 27th July 2006 and 8th April 2007 respectively at Raj Bhavan, Kolkata. It was decided in these meetings that a new Indian Freedom Movement Gallery will be organized at the North Verandah of the Main Building which was approved by the Archaeological Survey of India.

Museum :

Open : 11 a.m. to 6 p.m. (March to November)

11 a.m. to 5.30 p.m. (December to February)

It was decided in the 3rd Meeting of the Governing Body of the Institut de Chandernagor on 8th April 2007 at Raj Bhavan that the collections of Harihar Sett would be displayed in one room and the 5th Convocation of the Institut de Chandernagor may be held in November 2007. It was proposed that Prof. Partha Chatterjee may be invited to deliver the Convocational Address.

A project of thematic display of the galleries is taken for preparing the blue print of the display plan. In this financial year 2007-2008, the display project work would be started soon.

Temporary Exhibition :

An exhibition on *"ROLE OF WOMEN IN THE EVOLUTION OF SOCIETY"* (Swamaj Bibartane Nari) was held on 23rd January – 31st January 2007 at the auditorium of the Institut de Chandernagor. Thousands of people observed the exhibition and appreciated the theme and representation of the ideas of the exhibition.

Library :

The Institut de Chandernagor has taken a project for the documentation of library books in the computer. Scientific proforma was prepared and filled up for the documentation of books in three languages French, English and Bengali. So, three windows of Excel were opened and the documentation of 4,180 books were completed before 31st March 2007.

For the interest of the public, the title of the French Books would be translated in English which is decided in the 3rd Meeting of the Governing Body of the Institut de Chandernagor.

French Language Course :

The Institut de Chandernagor, Higher Education Department, Government of West Bengal, conducts the Adult French Courses since 1966.

There is scope of higher education. The student who pass the B.A. Examination and also pass the Diploma Part – II Examination from the Institut de Chandernagor can get admitted in the Pre-M.A. and after passing the Pre-M.A. in French they can get admitted in the M.A. (French) under the University of Calcutta.

Fees :

The Tuition fees and admission fees would be moderated and increased in the next academic session July-December 2007.

Promotion of Teaching :

It was decided in the last meeting of the Governing Body of the Institut de Chandernagor that Memorandum of Understanding (MoU) would be made with the Embassy of France and French Association for the development of French Teaching.

9.2 INSTITUTE OF ENGLISH

119, S.P. Mukherjee Road, Kolkata –700 026, Phone 2466-3039.
Website : www.instituteofenglishcalcutta.org

The Institute of English, Calcutta (IEC) was founded in close collaboration with the British Council, Division of British Deputy High Commission, Calcutta through a Government notification (G.O. Number 3945 - Edn(D) dt 3.10.1962) in 1963. Since the inception the Institute of English, Calcutta has been

effectively handling the task of teacher training in the field of ELT entrusted to it, both in in-service and pre-service sectors. The Institute is still providing teachers of English with the necessary knowledge and understanding, skills and aptitudes apart from an active academic support in various forms. The Institute is unique in that it is not affiliated to any University and enjoys full academic autonomy in devising its own courses, framing syllabi, conducting examinations and conferring Diploma and Certificates. In the various aspects of its works, the Institute is in close touch with SCERT, NCERT, British Council, CIEFL (Hyderabad), WBBPE, WBBSE and WBCHSE.

Academic programmes at the Institute :

Regular Programme :

Name of the Programme	Seats	Duration	Eligibility
Diploma in English Language Teaching (DELT)	100	Four months	Teachers of English at the Secondary and Higher Secondary level and Freshers with an M.A. in English, or graduates with Honours in English or Vocational / Communicative English
Certificate in English Language Teaching (CELT)	30	Four months	Teachers of English at the junior secondary and primary and Graduates in any discipline
Improved Communication in English - Basic ((ICE - Basic)	50	50 hour	Madhyamik or equivalent
Improved Communication in English (ICE Advance)	50	50 hour	Higher Secondary and Equivalent
Computer Use in Teaching of English (CUTE)	18	30 hour	HS or equivalent with 50% marks
Advance Communication in English (ACE)	30	50 hour	Graduates in any discipline and/or Professionals
Certificate of Proficiency in Spanish	30	120 hour	HS or equivalent
Diploma in Spanish	30	130 hour	HS and a Certificate of Proficiency in Spanish from a recognized institution

*** Admission notifications for the above courses are published in all leading English and Bengali Daily Newspapers.**

Short Programmes / Workshops / Seminars during this academic session (2006-2007) :

Title	Duration	In collaboration with	No. of Participants
Communicative language teaching at the Tertiary level : Issues and Challenges	30th –31st May, 06	ELTI support scheme	34
Teaching Oral-Aural skills at the secondary level	12th –16th June, 06	ELTI support scheme &ELF (US)	20
Teaching Oral Aural Skills at the Primary Level	27th -30th June, 06	ELTI support scheme &ELF (US)	27
Packaging oneself for the global market	29th June, 06	ELTI support scheme	50
Communicative English for Business English	6th July, 06	ELTI support scheme & State department USA	30
Instructional Design for Teacher Educators of the Secondary Level	18-20 July, 06	ELTI support scheme &ELF (US)	16
"Strategies of Better Communication in English" for ICE Students	25 August, 2006.	ELTI support scheme	25
Integrating LSRW at the Secondary Level	August 30 2006	Macmillan India Ltd	45
Teaching Grammar at the Secondary Level	September 8 2006	ELTI support scheme	60
Teaching Grammar the Fun Way at the Secondary Level	September 11, 12, 13, 2006	Macmillan India Ltd	45 at each venue (Darjeeling, Siliguri, Kalimpong)

"Methods of Teaching Grammar" for Secondary Level Teachers	November 15, 2006	ELTI support scheme	34
"Comparative Study on British, American & Indian Writers with Special Emphasis on Fables."	November 28, 2006	AEEJAY School, Kolkata	120
"Vocational English – New Insights " for Tertiary Level Teachers	December 18-20, 2006.		25
"Initiating CALL Activities in Gujarat& West Bengal" (ELTeCS Project supported by British Council)	January 16 &17, 2007.	HMPIETR, Gujarat & British Council	20
Short residential course on "Intensive Course on Communicative English" Short Course Conducted	Feb 7 to 15, 2007	ELTI support scheme & Krishnagar Government College, West Bengal	12
Integrating the four skills at the Secondary Level	March 11 2007	ELTI support scheme	60

English Language Materials Produced :

1. Doorstep Training Manual (January 2006) a training handbook for Secondary teachers of English.

2. Learning English: A Resource Bank (January 2006) a resource book for teachers and parents for developing Listening skills. This book is accompanied by a 60 minute cassette/ audio CD.

3. Improved Communication in English (January 2006) a resource book for developing pronunciation and other oral/aural skills. This book contains Examples of language functions used in 25 day to day communicative situations. This book is also accompanied by a 90 minute cassette/ audio CD.

Course Profile

A. DELT and CELT

- **Aims and objectives :**
  - To help the trainees improve their own English
  - To equip the trainees with necessary skills for teaching English
    - By developing awareness of the key theories and principles of English language teaching and learning at various levels
    - By helping the trainees to make effective classroom use of teaching materials in the primary textbooks (in case of CELT) and secondary course book in case of DELT
    - By providing a hands on training of classroom teaching of English by observing, practicing, and evaluating teaching
    - By helping them to prepare and administer appropriate tests
  - To provide a basis for continued professional development

- **Structure of the Course :**
  - **Component I : Supporting Component**

    This is intended to provide necessary background knowledge and skills for the Practical Methodology component. It consists of three areas :
    - Applied Linguistics
    - Language Description
    - Language Development

- **Component II : Practical Methodology**

  Main components

  - Language Teaching Methodology
    - Teaching Grammar (For DELT Alone)
    - Teaching of LSRW Skills
    - Teaching Literary Appreciation (For DELT Alone)
    - Remedial Grammar (For CELT alone)
    - Teaching Language through stories, songs and rhymes (For CELT alone)
    - Teaching of Literacy Skills (For CELT alone)
    - Test Development
    - Materials Exploration and Development
    - Use of Media
    - Practice Teaching – Developing Lesson Plans, Observing Classes and Post Lesson Discussion.

- **Assessment**

• Course Work	300 marks
• Mid-term Written Examination	200 marks
• Final Examination	400 marks
• Practical Teaching	100 marks
Total	**1000 marks**

B. ***Certificate courses in Improved Communication in English or ICE(*****Basic and Advance)**

- **Aims and objectives :**
  - An overall enhancement of the participant's competence in English in two subsequent phases
  - Making the participant a proficient user of English by making them enjoy communicating in English

- **Course Components**
  - Conversational English
  - Developing LSRW Skills
  - Remedial Grammar
  - Business and Official Correspondence
  - Personality Development
  - Preparing for competitive Examinations, Job Interviews, and Group Discussion.
  - Writing a project.
  - Presentation skills

C. ***Computer Use in Teaching of English or CUTE***

- **Course Components**
  - Introduction to Computer basics
  - Using Microsoft Word
  - Creating Power Point Presentation templates
  - Making a presentation Using Power Point
  - Internet Exploration, Web-search and downloading files from the net
  - Using Computers as an aid to Teach English in language classrooms

D. ***Extension Activities***

- Offering Communicative English courses in collaboration with a few undergraduate colleges in and around Kolkata. A process to begin the course to a few other colleges is in the process.
- Offering courses of English for Specific Purposes or Professional and Technical English as when asked by different business houses and academic institutions.
- Rendering expertise in the field of ELT to different statutory bodies like West Bengal Board of Primary Education, West Bengal Board of Secondary Education, West Bengal Council of Higher Secondary Education and likes.

International Collaboration :

1. Preparation of a Trainer Training Module for the Primary Level and Production of an audio-visual training material in collaboration with Oxford Brookes University, United Kingdom.
2. Short-term teacher training with the help of an English Language Fellow from the United States, through the Department of State, Govt. of United States.
3. Signing a Memorandum of Understanding with Spanish Embassy as part of a cultural exchange programme between the Governments of India and Spain in terms of receiving a Spanish Lectureship instituted at the Institute to promote Spanish Studies at the Institute. The Institute has also received Spanish Books and Study Materials from the Embassy as a Goodwill Gesture.

9.3 WEST BENGAL JOINT ENTRANCE EXAMINATION BOARD

WEST BENGAL BOARD OF EXAMINATION FOR ADMISSION TO ENGINEERING, MEDICAL AND TECHNOLOGICAL DEGREE COLLEGES, HOWRAH (or JOINT ENTRANCE BOARD, HOWRAH)

Slater Hall, Bengal Engineering & Science University, Howrah 711103
Ph. : (033) 2668-4890, Fax : (033) 2668-4676

The West Bengal Board of Examination for admission to Engineering, Medical and Technological Degree Colleges was formed as West Bengal Board of Examination for admission to Engineering Degree Colleges in the year 1962 vide Order No. 828-Edn(T) dated 02.03.1962 in terms of an Executive Order issued by the Higher Education Department (Technical Branch), Government of West Bengal, born out of a concept of holding a common admission test for the Engineering Colleges of the State of West Bengal. The basic purpose was to select candidates for consideration for admission to the State Universities/Colleges/ Institutions on the basis of the results of a single competitive examination which would also lead to saving of time, energy and expenditure on the part of the candidates in appearing at number of entrance tests.

Since inception, the office of the Board has been functioning at Slater Hall in the campus of Bengal Engineering and Science University, Shibpur [erstwhile Bengal Engineering College], Howrah – 711103. The Vice-Chancellor of Bengal Engineering and Science University, Shibpur is the Chairman of this Board while twenty nine other Members include the heads of professional Universities/Colleges, Officials from the Departments of Higher Education and Health of the Government of West Bengal and Member-Secretary who happens to be a senior faculty member of Bengal Engineering and Science University, Shibpur. The total number of candidates appearing in all the examinations taken together has increased from 5,000 in 1962 to more than 1 lakh in the year 2005-06.

Following Entrance Examinations are conducted by the Board at present for admission to different professional courses.

JEM – Joint Entrance Examination for admission to Engineering Degree Colleges started from 1962 and Technological Degree Colleges from 1971. Presently Govt. Engineering Colleges, Private Engineering Colleges and Universities in West Bengal admit their students for Engineering and Technology through Joint Entrance Examination. Since 1990 the admission to B.Arch. Course in two Universities is being held through the Joint Entrance Examination (GDAT). The admission of all Medical/Dental Colleges in West Bengal through Joint Entrance Examination started from 1972. The Degree Courses of Veterinary Sciences & Animal Husbandry and Fishery Sciences awarded by the West Bengal University of Veterinary Sciences admit their students through Joint Entrance Examination from 2004-05. The Degree Colleges of Ayurvedacharya are admitting their students from 1992 and Homoeopathy from 1997, B. Sc. Physiotherapy and Unani from 1999. The students for B.Sc. (H) Nursing Course in various Private and Govt. Nursing Colleges are also going to admit their students through Joint Entrance Examinations conducted by the West Bengal Board of Examination.

JECA– The West Bengal Board of Examination started the Joint Entrance Examination for admission to Master of Computer Application Course (MCA) of Bengal Engineering and Science University, Shibpur (erstwhile B. E. College) and Jadavpur University from 1989. Presently, 26 Govt. and Private Engineering Colleges and Universities in West Bengal admit their students of MCA Course through Joint Entrance Examination.

JELET – Lateral entry admission to 2nd year of the four years course of Bachelor Degree in private and Govt Engineering/Technological College/Universities in West Bengal through joint entrance examination conducted by the West Bengal Board of Examination from 2002.

JEHOM – West Bengal Board of Examination also conduct the joint entrance examination for admission to the Bachelor Degree Course of Hotel Management.

A brief outline of different Entrance Examinations conducted by the West Bengal Joint Entrance Examination Board during the year 2006-07 for admission of the students to professional courses in Universities/Colleges in West Bengal.

Sl. No.	Name of the Exam.	Name of the Degree Courses	No. of Colleges/ Universities	No. of enrolled candidates 2005-06
1	JEM	i) Engineering/Technological (BE/B.Tech)	66	1,10,164
		ii) Medical + Dental (MBBS +BDS)	9 + 3	
		iii) B.Arch.	2	
		iv) Ayurvedacharyya (BAMS)	2	
		v) Homoeopathy (BHMS)	4 (Govt) + 8 (Pvt)	
		vi) B.Sc.Physiotherapy	1(Govt) + 10 (Pvt)	
		vii) Unani	1	
		viii) Veterinary Sc.& A.H and Fishery Sciences (B.V.Sc. &A.H) and B.F.Sc.	1	
		ix) B.Sc (H) Nursing	7	
2	JECA	Master of Computer Application (MCA)	26	5486
3	JELET	Engineering / Technology (through Lateral Entry)	66	3163
4	JEHOM	Bachelor Degree in Hotel Management	4	

Other activities of the Board :

1) The Board has decided to introduce Scholarships for the five top rankers in the merit list of JEM both in i) Engineering & Technology and ii) Medical & allied branches.

2) The Board sponsored a project regarding statistical analysis of the performance of the candidates of the Joint Entrance Examination conducted by the West Bengal Board of Examination.

9.4 NETAJI INSTITUTE FOR ASIAN STUDIES (Estd. 1981)

1, Woodburn Park, Kolkata - 700 020
Telefax : 2247-3145; Telephone : 2283-5079; Email : nias@cal2.vsnl.net.in

Established in 1981, the Netaji Institute For Asian Studies is a Social Science research institute sponsored in the Department of Higher Education, Government of West Bengal.

On the strength of a regular maintenance grant from the state government and mobilization of additional resources the Institute has been pursuing its mandated research agenda on (a) Indian National Movement, especially the role of Netaji Subhas Chandra Bose and the Indian National Army, (b) Trends in the nation-building processes in South and South-East Asia and (c) Asian relations.

I. The Faculty :

(i) Dr. Suranjan Das, Pro-Vice-Chancellor for Academic Affairs, University of Calcutta, is functioning as the Honorary Director of the Institute.

(ii) Dr. Mamata Desai is Professor, Department of Ecology and Environment.

(iii) Dr. Ramkrishna Chattopadhyay is Assistant Professor, Department of Social and Political History, till 31st July 2005. Currently is an Honorary Fellow of the Institute.

II. On-going Research Projects of the Institute :

(i) 'Linguistic and Cultural Heritage of North Bengal' funded by Department of Higher Education, Govt. of West Bengal and coordinated by Dr. Ramkrishna Chattopadhyay.

(ii) 'Documenting the Turning Points in the Protest Politics of West Bengal 1960 – 1967', coordinated by Professor Suranjan Das and Dr. Premangshu Bandopadhyaya funded by Department of Higher Education Govt. of West Bengal.

(iii) 'Mapping and Analysis of Land Use and Land Capability of Darjeeling Hill Areas' using GIS & Remote Sensing Techniques, coordinated by Professor Mamata Desai funded by district Administration, Darjeeling, West Bengal.

(iv) 'Socio-economic Impact Assessment of the Underprivileged Groups and Rapid Urban Development' coordinated by Professor Mamata Desai funded by Department of Higher Education, Govt. of West Bengal.

(v) 'Geological survey for suggesting remedial measures in respect of the rehabilitation of NH 55 – Giddhapahar area at km 34 on NH 55 in the district of Darjeeling – West Bengal' coordinated by Professor Mamata Desai, sponsored by the National Highway Authority of India, Government of India.

(vi) 'Marginal Groups in Kolkata', coordinated by Dr. Ramkrishna Chattopadhyay funded by Department of Higher Education, Govt. of West Bengal.

(vii) A collaborative project on 'Women in Kolkata Slums' with Kolkata Socio-cultural Research Institute funded by Department of Higher Education, Govt. of West Bengal.

(viii) 'Marginal groups in Kolkata' coordinated by Professor Ramkrishna Chattopadhyay funded by Department of Higher Education, Govt. of West Bengal.

(ix) A collaborative project on 'Women in Kolkata Slums' with Kolkata Socio-cultural Research Institute, funded by the Department of Higher Education, Government of West Bengal.

(x) 'Select Documents on Swadeshi Movement in Bengal', coordinated by Professor Hiren Chakrabarti, funded by the Department of Higher Education, Government of West Bengal.

(xi) 'Politico-economic development in Rural Bengal Panchayat System - the role of women' coordinated by Professor Chitra Ghosh, funded by the Department of Higher Education, Government of West Bengal.

(xii) 'Towards a Social History of Vintage Calcutta - B. B. D. Bag as a Heritage Site' coordinated by Professor Basudeb Chattopadhyay, funded by the Department of Higher Education, Government of West Bengal.

(xiii) Changing Ecological and Demographic Profiles of the Tea Gardens in the Kurseong Subdivision, Darjeeling District. Co-ordinated by Dr. Mamata Desai and financed by Department of Higher Education, Government of West Bengal.

(xiv) Netaji Subhas Chandra Bose's and Municipal Administration in Calcutta, coordinated by Professor Ramkrishna Chattopadhyay.

(xv) Economic Importance of SHGS for Women Development coordinated by Professor Mamata Desai.

(xvi) Potentials of South Asian Regional Cooperation, coordinator Professor Suranjan Das.

(xvii) Subhas Chandra Bose and the Secular Politics in India coordinated by Professor Ashok Mukhopadhyay,

III. Important Seminars / Workshops organised by the Institute :

1) Organised jointly in collaboration with Observer Research Foundation, New Delhi, Centre for Social Sciences and Humanities, University of Calcutta, a national seminar on 'India and China: The next Decade', on 9th and 10th September 2006. Shri Pranab Mukherjee, Hon'ble Defence Minister, Government of India, presented the inaugural address of the occasion.

2) Professor Mushirul Hasan, Vice-Chancellor, Jamia Millia Islamia, New Delhi, delivered the Annual Sarat Bose Lecture on 'Caricaturing the Self and Much Else: Cartoons in Late 19th century North India' on 18 September 2006. Professor Chitra Ghosh, presided over the session.

3) Professor Jayantanuj Bandopadhyay, formerly of JNU, New Delhi and Professor Basudeb Chattopadhyay, University of Calcutta, spoke in a panel discussion on 'Revolt of 1857',organized by the Institute in collaboration with WBCUTA, on the inaugural ceremony of WBCUTA Annual Conference at Sammilani College, Bankura, on 18th November 2006.

4) Mr. P. G. Rajamohan of Institute of Peace and Conflict Studies, New Delhi, Dr. Uttam K. Sinha of Institute for Defence Studies and Analyses, New Delhi, Ms. Deepti Mahajan of Women in Security Conflict Management and Peace, New Delhi, and Shri S. Krishnan of Centre for Security Analysis, Channai, presented their papers in a jointly organized workshop with the peace Studies Group of Calcutta University on 'Evolving Non-traditional Security Issues in South Asia' on 25th November 2006.

5) Organised an international seminar on 'Regional Groupings in International Relations : SAARC and ASEAN experiences' on 2nd December 2006, in collaboration with the peace Studies Group of Calcutta University. Professor Rabin Sen of Jadavpur University, Dr. Indu Rayadurgam, Ms. Aparna Shivpuri and Mr. Jayan Jose Thomas of Institute of South Asian Studies, Singapore, presented their papers in the seminar.

6) The Institute organized 'Junior Scientists Meet' for the year 2006-2007, on 9th December 2006, on 'Sustainable Urban Development - Kolkata Megacity'. Hon'ble Mayor of Kolkata, Shri Bikash Ranjan Bhattacharya, inaugurated the occasion. Dr. Prithvish Nag, Director, NATMO, Government of India, addressed the occasion.

7) Professor Jayantanuj Bandyopadhyay, Emeritus Professor of International Relations, Jadavpur University, Kolkata, delivered the Annual Netaji lecture on the occasion of the Netaji Birthday celebration on 23rd January 2007, which was inaugurated by Shri Gopalkrishna Gandhi, Hon'ble Governor of West Bengal. Professor Sudarsan Ray Chaudhuri, Hon'ble Minister-in-Charge for Higher Education, Government of West Bengal, presided over the occasion.

8) Shri Jaideep Hardikar of Nagpur, spoke on 'Politics of Farmers' Suicide in Vidarbha' on 20th February 2007. Seminar organized in collaboration with Calcutta University and IDSK.

9) Prof. James Mayall, Emeritus Professor at Cambridge University, Prof. Aswini Ray and Dr Samir Das, participated in a panel discussion entitled "Nationalism in an Era of Globalisation" on 22nd February 2007. The seminar organized in collaboration with the Department of International Relations, Jadavpur University.

10) Organised a one day workshop on 'Natural Resources Management And Socio-Economic Development of Eastern Himalaya' on February 26, 2007 at North Bengal University. The Hon'ble Vice-Chancellor, Professor P. K. Saha inaugurated the workshop.

11) Shri Nirupam Sen, Hon'ble Minister-in-Charge for Commerce and Industries, Government of West Bengal, spoke on 'The Challenge of Industrialization in West Bengal', on 28th February 2007 at 5 PM, in a Round Table Discussion organized by the Institute.

12) Professor Atluri Murali, University of Hyderabad, Professor Aswini Ray, formerly of Jawaharlal Nehru University, New Delhi and Professor Chitra Ghosh, formerly of NIAS, are scheduled to present their papers in a seminar which is scheduled to be held at the Kurseong Centre of the Institute in collaboration with the Gandhian Studies Centre, University of Calcutta, and the Nehru Studies Centre, University of Calcutta, on 25 March 2007. Professor Pijush Kanti Saha, the Vice-Chancellor of North Bengal University, has kindly consented to inaugurate the session.

IV. Seminars/Workshops attended by Faculty members :

(i) Dr. Suranjan Das :

1. Presented a paper in a conference on 'Rising to the Challenge of Globalisation: Experience in China and India' organized by the China Center For Contemporary Studies, Beijing, 28-29 August 2006.

2. Presented a paper on 'The Higher Education and the Challenge of Globalisation in the Context of the Indian Reforms', Maison Des Sciences De L'Homme, Paris, 4 October, 2006.

3. Presented a paper on 'Globalization and the Challenges Facing the Universities' in an international conference on 'The Quest for Excellence: Great Universities and Their Cities, Mumbai, Kolkata and Chennai' organized by the Mumbai University on 19th January 2007.

4. Regularly participates in national/international seminars and workshops organised by Calcutta University, Jadavpur University, Burdwan University, North Bengal University, Rabindra Bharati University, University of Kalyani, North-East Hill University, Jamia Millia Islamia and University of Hyderabad in History, Politics and International Relations.

(ii) Dr. Mamata Desai :

1. Disaster Management in Hill Areas and Digital Mapping - Paper presented in a National workshop held on 30th & 1st July 2006 organised by NRSA, at Hyderabad.
2. Delivered Annual lecture at Indian Remote Sensing Society on 3rd august 2006, on 'Application of Geospatial Technologies in Road Status Analysis Darjeeling District - West Bengal'.
3. Attended International Congress of International Cartographic Organisation at New Delhi on 'National Spatial infrastructure' held on 23rd to 25th Nov. 2006.
4. Attended & presented a paper on 'Application of Geospatial Technology in Road Status Analysis - Darjeeling District in a National Conference on 'Geospatial Technology & Thematic Cartography' organized by the National atlas & Thematic Mapping Organisation, Govt. of India held on 16th to 18th Feb 2007.
5. Delivered Lecture on 'Desertification' on 5th June,2006 World Environment Day in Gyan Bani FM Kolkata.
6. Attended one day National Seminar held on 16th Feb 2007 at Hyatt Regency, Kolkata on 'Water Resource Conservation and Ground Water Recharging for Effective Health Insurance, Organized by Center for Ground Water Studies and UNICEF.
7. Invited as Coordinator for guiding the Dissertation of Environmental Management Programme for Final Year 4 students of Indian Institute of Social Welfare & Business Management, Kolkata 2006-2007.
8. Invited to act as external expert of selection committee for interviewing the Project Scientist at Department of Minining Engineering, Science University Shibpur, on 13. 11.2006.

V. Important Recent Publications of the Institute :

- Asian Studies (Institute's biannual journal). The Institute published a special issue of Asian Studies to commemorate its 25th years.
- Food Movement since 1959: Documenting a Turning Point in the History of West Bengal, Vol. - II, edited jointly with Premansu Kumar Bandyopadhyay (forthcoming).
- On the Banks of River Hooghly, with Basudeb Chattopadhyay (forthcoming).

- Mamata Desai Tribal Literacy Programme and the Tribe - The Primitive Tribes of West Bengal (to be published shortly).
- Sponsored a book entitled Sangram Andolane Nikhil Banga Prathamik Sikshak Samiti (1935-2005) Part I (Kolkata : 2007).
- Mamata Desai (ed) The Silver Jubilee Volume of The Asian Studies (2006).

VI. The Library :

With the financial help from the Government of West Bengal the Institute has been able to enrich its collection on Indian National Movement, post-colonial developments in South Asia and Asian relations. A scheme has been undertaken to revive the Newspaper Clippings section of the Library. The books in Library have also been cataloged, both author-wise and subject-wise.

VII. Netaji Museum and Centre for Studies in Himalayan Languages, Society and Culture :

The Museum and Centre was set up in the house of Sarat Chandra Bose at Giddhapahar, Kurseong under the aegis of NIAS. A gallery on the Bose brothers and Indian Freedom Movement has been set up by the initiative of the Indian Museum. In 2006-2007 a number of seminars/ workshops were held on aspects of Indian Freedom Movement and contemporary issues like public health, education and education. The Museum has become a place of popular attraction for tourists and local residents alike.

9.5 NATIONAL SERVICE SCHEME (N. S. S.)

The National Service Scheme is a noble Youth Activity of our country started in 1969 on the occasion of the birth centenary of Mahatma Gandhi. The main objective of NSS is 'Education through Community Service'. " Not me but you" is the motto of NSS which means every person should realize that not he alone or she alone is important but the society in which he or she lives is on the whole important. NSS activities are multipurpose as well as multidimensional in their nature. And in practice, these activities take an important part to the service of mankind and in execution of the process of formation of the future generation of the country through various constructive programmes. The phenomenal success of Science and Technology in his service has made man forget the long cherished values such as love, peace, co-operation and tolerance etc. Materialism and its comfort shifted the importance of life to mere acquisition of material health. Further Globalisation has thrown the values out of greater life. The modern dehumanised materialistic civilisation has been neglecting human values. And, it is only the NSS activities which can lead young ones to become more meaningful and fruitful to the society which in an extended sense encompasses the entire humanity. As NSS has launched the movement of Awareness, Sensitization, Motivation, Dedication, Service etc. its thousands

of volunteers as well as dedicated teachers from schools and colleges are always active and sincerely busy in inculcating the basic principles and values of NSS among the student community through their society- friendly programmes and issues as Environment Enrichment and Conservation, Women's Development and Gender Justice, Production orientated programmes. Education and Recreation, Health, Family Welfare and Nutrition of the weaker section of the society, Social Service, Relief and Rehabilitation, Socio-Economic Surveys, Health Awareness and Scientific Awareness Generation etc. Involvement of Youth in Social Activities is a crying need of the day. Social responsibility shouldering should be taught through projects like NSS.

West Bengal is one of the first few States where NSS has been introduced since its inception in the country in 1969,. But over the years, it could not hold the momentum and has now slipped from the top rung in the arena of NSS. In the days to come, NSS activities will further be strengthened to take it to the optimum level by sincerity and commitment of all concerned.

Allotment of N.S.S. volunteers for the year 2006-2007 :

Sl. No.	Name of the University/Institution	Allocation of N.S.S. volunteers	
		Regular activities	Special camping
1.	Jadavpur University	2,500	1,250
2.	Burdwan University	20,000	10,000
3.	Viswabharati University	1,200	600
4.	North Bengal University	8,000	4,000
5.	Vidyasagar University	13,000	6,500
6.	W.B.H.S.Council (+2)	15,000	7,500
7.	Kalyani University	5,000	2,500
8.	Calcutta University	10,000	5,000
9.	Bidhan Chandra Krishi Viswavidyalaya	600	300
10.	Uttar Banga Krishi Viswavidyalaya	400	200
11.	I.I.T., Kharagpur	400	200
12.	West Bengal University of Animal & Fishery Sciences	200	100
13.	Rabindra Bharati University	700	350
14.	N.I.T., Durgapur (D.U.)	400	200
		77,400	**38,200**

Government of India has increased the volunteer strength upto, 85,184 for the year 2007-08.

Release of fund for N.S.S. Regular Activities & Special Camping Programme for the year 2006-2007 (1st instalment)

Central Share	-	Rs.	73,92,612/-
State Share	-	Rs.	52,80,737/-
Vide G.O.No.228 (Sanction) dated 30.11.2006.	-	Total Rs.	1,26,73,049/-

An overview of activities undertaken by N.S.S. State Cell :

(1) Four Administrative Gr.D posts have been sanctioned for the N.S.S. State Cell at the Higher Education Department for smooth running of the N.S.S. Cell.

(2) A permanent place for N.S.S. State Cell at the 5th floor has been now earmarked and work is in progress.

(3) State Liaison Officer (N.S.S.) have attended various Advisory Committee meeting at University level and W.B.H.S. Council.

(4) The Sate Level Advisory Committee meeting were held on 01.11.2006 at the Conference Hall and Hon'ble M.I.C. Prof. Sudarshan Roychowdhury attended the meeting with senior officers and key functionaries of N.S.S. in the State.

(5) State Liaison Officer were invited to attend the N.S.S. workshop at National level at Delhi and Chennai. The N.S.S. activities of West Bengal were highlighted at National level.

(6) A State Level Workshop for N.S.S. functionaries on the special theme of N.S.S.2006-2007 onwards "Healthy Youth for Healthy India" were held at Burdwan University. Approx.250 N.S.S. programme officers attended the workshop. The Vice-Chancellor of Burdwan University alongwith senior officers of N.S.S. in the State were present.

(7) State Liaison Officer has attend the workshop and inauguration ceremony of "National Adolescent Quize Contest – Y.U.V.A." at New Delhi.

State Level N.S.S. Adolescent Quize Contest 2007 :

Ministry of Youth Affairs Sports is organising a National N.S.S. Adolescent Quize Contest in selected 252 districts of the country at the school level (+2) on the eve of the launch of Yuba Campaign – "Youth Unite for victory against Aids". This programme was implemented in 8 selected districts of West Bengal namely Murshidabad , North & South 24-Pgs, Purba & Paschim Medinipur, Nadia, Darjeeling and North Dinajpur covering 8 schools in each District. It was an awareness activity on Adolescent Health and HIV/AIDS. All the Districts have successfully completed the competitions.

The State Level Quize contest were held at S.I.P.E.W., Hastings House, Alipore on 5.6.2007 and Hon'ble M.I.C.(HE), Prof. Sudarshan Roychowdhury inaugurated the programme. The students from Kalimpong H.S. of Darjeeling District won the State competitions and will now participate in the National Competitions' at New Delhi. The Regional Centre, N.S.S., Govt. of India and State Liaison Cell, N.S.S., Govt. of West Bengal organised jointly.

Important N.S.S. activities of the State :

All the Institutions having N.S.S. programme have successfully completed the Regular and Special campaigning activities during the year 2006-2007. The Government have urged to rejuvenate the N.S.S. activities at the college level. The State cell have proposed for inclusion of N.S.S. activities in Engineering and Technological colleges also. Several workshop on Disaster Management, Women's Development, and Gender Justice, Environment Enrichment and Conservation, Healthy Family Welfare and Nutrition, Scientific Awareness, Socio-Economic Survey were conducted at different institutions. N.S.S. volunteers of State have participated in various National Integration Camp and Republic Day Parade at New Delhi.

9.6 PASCHIM BANGA HINDI ACADEMY

1, Bankim Chatterjee Street,
(In the Old Building Complex of the Government Sanskrit College)
Kolkata -700 073, Phone : 2219-1277

The Paschim Banga Hindi Academy founded in 1990 functions under the administrative control of the Department of Higher Education.

I. AIMS AND OBJECTIVES

The main objective of the Academy is to encourage the study of Hindi language and literature in the State of West Bengal, especially among the non-Hindi speaking people, both the rural and urban areas. The other objectives of the Academy are :

(1) to encourage and undertake translation of Bengali classics and scholarly works in Bengali on literature, history, science and technology – into Hindi;

(2) to publish Hindi text books for different classes following the syllabi and curricula meant for non-Hindi speaking people;

(3) to undertake and encourage research in Hindi language and literature, etc.

II. STRUCTURE

The academy has a General Council consisting of 61 members, a Governing Body consisting of 23 members. The Governing Body has constituted five sub-committees consisting of 5 members each. The Chief Minister, Government of West Bengal and the Minister-in-Charge of Higher Education Department, Government of West Bengal are the Chairman and the Vice-Chairman respectively of the Paschim Banga Hindi Academy.

9.7 WEST BENGAL DISTRICT GAZETTERS

The office of the State Editor, West Bengal District Gazetteers was set up in the late fifties to implement the Government of India Schemes of revision of Gazetteers which were compiled and published during the British Rule. Since then research, Compilation and publication of Gazetteers have been invoked for long periods. Thereupon many original district reports for making gazetteers were published. Besides that worthwhile reprints written by different personalities like Hunter, F.D. Ascoli, F.E. Pergiter's reports were also published. But now in view of audit objection for printing, the production of C.D. has been taken into consideration for the report (1) Rivers of Bengal Vol.IV, (2) Sannyasis, Fakirs and Maghs by J.M. Ghosh.

Staff pattern of the office

The staff pattern in this office is quite different from other offices; as this office is a publication-oriented one with its own accounting system; Editorial/Research/Publication Wings; Own Library enriched with precious rare books; own Sales Counter, etc. Having been set up in 1959 at the instance of the Government of India, the office has been writing/compiling/revising/editing and publishing West Bengal District Gazetteers and allied literature, initially under the guidance of the Expert Committee of the Government of India and then the State Advisory Committee.

9.8 WEST BENGAL STATE ARCHIVES

43, Shakespeare Sarani, Kolkata -700017 (Ph.No.22810661)
6, Bhowani Dutta Lane, Kolkata -700073 (Ph.No. 22413966/22411044)
Writers' Buildings, Block II, Ground Floor, Kolkata -700001 (Ph.No.22141339).

West Bengal State Archives is the oldest repository of Government records in the country. It occupies an important place in the Government set up since it is the custodian of records created by all Government Offices. Besides its primary function of preservation of records it caters to the needs of the users and as such, plays an important role in generating awareness about public records among common people. At present it functions from three wings viz. (a) Historical Section at 6, Bhowani Dutta Lane, Kolkata-73, (b) Current Section at Writers' Buildings, Kolkata-1 and (c) New Functional

Building at 43, Shakespeare Sarani, Kolkata-17. Historical Section houses pre 1900 records and Current Section preserves documents of post 1900 period. The Functional Building preserves such I.B. records so far transferred to the Archives and the voluminous P.W.D. records. There is also a Photo-Archives and Permanent Exhibition Gallery in the Functional Building.

Organisational Structure

The West Bengal State Archives is headed by the Director who is assisted by one Deputy Director, Two Assistant Directors, Two Chief Archivists, Six Archivists, Fourteen Assistant Archivists, One Micro Photographer and other Archival and Administrative Staff Members at different level.

The year 2006-2007 was one of continuing activities and programmes undertaken by W.B.S.A in connection with the celebration of centenary year of 'Partition of Bengal and Its Aftermath' and preparatory works concerning the Revolt of 1857.

Public Exhibition

To commemorate the 150th anniversary of the 'Great Revolt of 1857' W.B.S.A is going to organize an exhibition of records pertaining to the event that took place in Bengal and preserved in this storehouse. Selection of records and preparatory work for organizing such an exhibition has been done during the year in question.

Publication

Publication of records is a regular function of Archives. As a continuing programme of Celebration of Centenary Year of Partition of Bengal (1905), records on 'Partition of Bengal and Swadeshi Movement in Bengal have been selected and sent to the press for publication.

As 2007 is the 150th Year of the 'Great Revolt of 1857' WBSA has taken up the programme to celebrate the year and to bring out one publication on the occasion. Records pertaining to the event and preserved in this Archives have already been selected and preparatory work towards publication has almost been completed during this period. Negotiations are on with the Indian Council of Historical Research, the National Archives of India and other institutions of higher learning in India for this purpose.

WBSA is also going to publish the list of Subordinate Executive Servants, the manuscript of which has been prepared during the period under review.

Inspection of Libraries

As a part of Central Govt. Scheme of Financial Assistance to the different institutions for preservation of Manuscripts/Rare books, Archival Officers have inspected the holdings of the following institutions.

a) Lady Brabourne College, Kolkata, b) Presidency College, Kolkata,

c) State Central Library, Kolkata, d) Bangla Academy, Kolkata

e) Society for preservation, Kolkata, f) Itihas Parikrama, Berhampore, Murshidabad,

g) Ghanashyampur Sadhan Child Welfare, South 24-Pgs.

Professional Training

W.B.S.A. imparts three months training on 'Conservation of Records' to the intended candidates who are deputed by their employing institutions. This year five candidates from the Intelligence Branch, West Bengal Police, Institut De Chandernagore, Prafulla Chandra College and Hooghly Sahitya Mandir joined this training which was conducted during November 2006- January 2007.

Project on Historical Event of Contemporary Relevance

Being the principal repository of records W B S A has decided to celebrate the 150th Year of the 'Great revolt of 1857' Keeping in view this celebration WBSA has designed its Annual Archives Week Programme along this line.

Function of new computer and digital unit :

To keep pace with the modern Technology of reproduction system and also provide service to the users, WBSA has set up its computer and digital unit. With a view to save the valuable records from further deterioration due to frequent use and inclement climate, WBSA has taken up a digitization programme. It started scanning & copying of records in CDS. A considerable volume of records preserved in the Historical Section have already been digitized during this period.

Conservation

As conservation is the primary function of Archives this year attempt has been made to restore Proceeding. Volumes of different departments, old books, I.B. records and PWD records, photographs and photo-slides received from I. B.

Assistance to other institutions

W. B. S. A has provided copies of records to the Andaman & Nicobar Administration, Calcutta Port Trust and others who are in need of such services.

Participation in Seminars/Meetings

As a part of their official function archival officers attended several Seminars. Meetings, Workshop etc. in order to enrich their knowledge about development of archival Science in different parts of the country and abroad and to keep them aware of the recent trends of research in different field of Social Science.

Topic of the Seminar	Name of Sponsor Organisation
The roots of Regional History in the Light of Archival Document (A. Bhattacharyya, Asstt. Director)	Itihas Parikrama, Murshidabad
Rural Bengal during the Company's period (A. Bhattacharyya, Asstt. Director)	Mahishadal Raj College, Voctoria Memorial & R.K.M. Vidya Mandir
Mahabidroho from the point of view Communal Harmony (A. Bhattacharyya, Asstt. Director)	Chandannagore Ispat Sangha
Historical Record : Contemporary Issues (Sarmistha De, Asstt. Archivist)	Mahisadal Raj College, Tamluk

Library

West Bengal State Archives Library has a rich & unique collection of books among which a large number of books are not available in any other library. This collection is regularly used by the scholars as a supplement to the records preserved in this Archives. University of Calcutta extended its cooperation to the WBSA for digitization of very old and out of print books preserved in our library. As a result of this collaboration nearly 37000 pages of rare books and reports have been digitised and made available for consultation by bonafide research scholars.

Transfer of Records for I.B.

I.B., West Bengal has decided to transfer records upto 1947 to the State Archives which once completed will enrich our collection.

Miscellaneous

Dr. Basudeb Chattopadhyay, the Director of Archives, also served as the Asutosh Professor of Medieval and Modern Indian History, Joint Director of Nehru Studies Centre, Member of the Senate and Chairman of the U.G. Board of Studies in History, University of Calcutta. Professor Chattopadhyay was one of the main speakers in many national and international conferences held in different parts of India. These include :

1. Commemorating 150 years of Presidency Universities, organized by the National Archives of India, New Delhi, January, 2007.
2. National Conference on the Historiography of 1857, organized by the Indian Council of Historical Research, New Delhi, 9-10 December, 2006.

3. Seminar on the Contemporary Relevance of the Revolt of 1857, A.W. Mahmood Memorial Lecture, Paschimbanga Itihas Samsad, January, 2007.

4. Seminar on the Significance of 1857, organized by the West Bengal College and University Teachers' Association, at its Annual Session, Bankura, 18 November,2007.

5. Symposium on the Revolt of 1857 jointly organised by the Indian Council of Historical Research and the India International Centre, New Delhi, May, 2007.

9.9 WEST BENGAL STATE BOOK BOARD

6A, Raja Subodh Mallick Square (8th Floor),
Kolkata-700013
Telephone : 2236-7854

Sales Counter :- 1, Bankim Chatterjee Street (Ground Floor of Sanskrit Collegiate School Premises), Kolkata - 700 073.

Pursuant to the recommendation of the Kothari Commission on 'Media Transfer' to implement the programme of switching over to regional languages as the medium of instruction at the level of Higher Education, Book Boards were formed in different States in the country. Accordingly, in the year 1970 the West Bengal State Foundation for Text Book Borad was formed and registered under the West Bengal Societies Registration Act.

The authority of general superintendence, direction and control of the Society is vested in the Board of Governors of the West Bengal State Book Board. The Minister-in-Charge of Higher Education, West Bengal is the ex-officio Chairman of the Board. The Principal Secretary (Higher Education) to the Government of West Bengal is the Vice-Chairman and the Chief Executive Officer, is the Member-Secretary of the Board.

The maintenance cost of running the Board is borne by the Department of Higher Education of the Government of West Bengal. The Government of India, provides assistance for the publication of text books on the basis of proposals prepared by the Board.

The number of publications of the Board has been on the increase. It rose from 766 in 2000-2001 to 783 in 2002-2003 to 792 in 2003-2004, 801 in 2004-2005, 820 in 2005-2006 and 838 in 2006-2007.

The Board publishes text books for the use at the undergraduate and postgraduate levels of studies. The publications also cover terminologies, dictionaries and monographs in science for students and general readers.

The academic disciplines in which the Board has so far published books are as follows :

(1) Agriculture, (2) Botany, (3) Chemistry, (4) Commerce, (5) Computer Science, (6) Defence Studies, (7) Economics, (8) Environmental Studies, (9) Geography, (10) Geology, (11) History, (12) Journalism, (13) Law, (14) Literature, (15) Library Science, (16) Mathematics, (17) Music, (18) Physics, (19) Physiology and Medical Science, (20) Popular Science, (21) Philosophy, (22) Political Science, (23) Sanskrit, (24) Sociology and Human Studies, (25) Statistics, (26) Teachers' Training, (27) Zoology, and (28) Physical Education.

In the year under review the Board concentrated on the publication of syllabus oriented text books. In 2002 the University of Calcutta thoroughly revised the syllabus of all subjects and the Board was considered as the principal organisation who are experienced in the publication of such text books. Therefore special efforts were made to constitute subject committees for a couple of subjects. So far 10 (ten) new books, as per the new syllabus and about 8 (eight) editions and the reprints were published during this period.

The Board participates in the Book Fairs in different places both within and outside the State and get good response there.

9.10 WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

The West Bengal State Council of Higher Education, established under West Bengal Act XXXVII of 1994 started functioning in April 1995. Office of the Council is located at 147A Rashbehari Avenue, Kolkata 700029 in a building owned by the Higher Education Department. Functions of the Council, as stipulated in the Act are stated below :

(a) Planning and coordination in the area of higher education in the State including co-operation with the UGC.

(b) Academic functions e.g. curriculum development, teachers' training and encouragement of sports, games and extension activities.

(c) Advisory functions in determining the basis and amounts of block maintenance grants, linking research with educational institutions and industry, framing and amendment of university statutes, regulations etc.

(d) Allocation of grants to different universities and colleges and make enquiries regarding utilization thereof.

Activities of the Council since its inception :

1. To formulate policy or action plan on important academic issues of general nature in consultation with the Universities of our state and within the framework of the guidelines issued time to time by the UGC or such other bodies. Some of the major issues on which the Council deliberated during the last one year and in some cases took policy decisions or finalized its recommendations are as follows :–

   i) Bringing some uniformity in the criteria for admission into BA/BSC/BCom courses as adopted by different State Universities in view of the decision of the Higher Secondary Council to switch over to gradation system in lieu of according marks practised so far.

   ii) Change in statutes of different State Universities in view of a recent order of the State Government granting leave salary to the teachers of the affiliated colleges on superannuation.

   iii) To find a solution to the very serious crisis faced by the teacher education programme in our state in having mandatory recognition from NCTE.

   iv) To review the status of Distance Programme conducted by the State Universities.

   v) To apprise the Goverment the problems faced by our universities and colleges in implementing the guidelines issued by different Central regulatory bodies, which are changed/modified quite often without taking account, in many cases, the ground relations.

   vi) To review the recent draft guideline issued by UGC in conducting M.Phil/Ph.D. programme throughout the country.

2. A major task entrusted to the State Council is to process and scrutinize the proposals for establishment of Degree colleges spread overa all districts under pay-packet scheme of the State Goverment and to make suitable recommendation to the Goverment on the desirability of establishment of such colleges taking into account a number of socio-economic factors. During this financial year, the Council has made spot inspection for 20 such proposals and submitted report to the Chairman.

3. The Council had been entrusted with the responsibility of processing and scrutinizing the proposals for establishment of self-financing General colleges, B.Ed. Colleges and Law Colleges in different districts of the State and also undertaking spot inspection, if considered necessary, to study the desirability, suitability and viability of such proposals and then submit a report to this effect, to the Chairman of the Council. During this year, the Council found several such proposals worth favourable consideration by the appropriate authority.

4. The Council is entrusted with the duty of considering proposals for affiliation of undergraduate colleges in new disciplines and to arrive at a decision on each such proposal in consultation with the concerned University.

5. The Council, through constant efforts of its Quality Assurance Cell (QAC), is holding series of workshops with Principals and Co-ordinators of affiliated colleges in order to assist them in preparing for NAAC assessment. Efforts are being made (i) to initiate Quality improvement measures in the post accredited phase as follow up step and (ii) to motivate the unaccredited/ yet-to-be accredited colleges to undergo NAAC assessment/process without further delay.

   During this financial year, as a result of very intense activities of the Cell, more than 100 colleges have been accredited by NAAC, bringing the total number of such colleges to 210, which is more than 55% of our total number of Degree Colleges, compared to the national average of 20%.

   (a) A number of workshops had been held within this one year where a large number of colleges had participated. In addition, one-to-one discussions had been held with some of those colleges. Several reports on such activities have also been published.

   (b) The Council as a part of its regular activities extend assistance to different Academic Committees appointed the State Government and offer a platform for discussions among different universities and other academic bodies like West Bengal State Council of Higher Education, State Council of Technical Education, State Council of Vocational Education and Training etc.

9.11 WEST BENGAL COLLEGE SERVICE COMMISSION (WBCSC)

6, Bhawani Dutta Lane (4th floor)
Kolkata – 700 073
Ph. No. Chairman : 2241-4679, Secretary 2241-6675,
Office : 2241-2920, Controller of Examinations : 2241-6674, Members : 2241-1922
Fax No. : 2241-4679

The West Bengal College Service Commission came into existence on November 02,1979 in terms of Act LXII of 1978, the three main functions of the Commission are :-

1) To prepare merit panel of eligible candidates for the post of Lecturer in different subjects as well as Principals in different Government aided Colleges.

2) To recommend candidates for appointment as Lecturer as well as Principal.

3) To conduct State Level Eligibility Test (SLET) for Lectureship in Universities and Colleges (accredited by UGC).

As per Notification in the Kolkata Extra-ordinary Gazette dtd. 29th August-2005 the West Bengal College Service Commission(Amendment) Act-2005, is being effected from 01-09-2005. The whole time Members of the Commission except the Chairman has been ceased to hold office w.e.f. 01-09-05.

There shall be five zonal units of the Commission :

i) The North Bengal University zone; ii) The Kalyani University zone; iii) The Burdwan University zone; iv) The Vidyasagar University zone ; v) The Kolkata University zone.

1) The State Govt. may, by order will determine the jurisdiction of every Zonal Unit of the Commission.

2) Every Zonal Unit of the Commission shall consist of the Chairman and two members of the Commission.

3) The members of the zonal unit of the commission shall render necessary advice to the Chairman in preparing a panel of eligible candidates based on the Interviews conducted exclusively for those who have applied for appointment within the zone of the respective Zonal Unit of the Commission.

The Constitution of the Commission :

1. Prof. Dr. Ajit Kumar Banik – Chairman.

Office set-up of the Commission :

1. Shri Dilip Kumar Bhattacharyya – Secretary and as well as Controller of Examinations.
2. Shri Debabrata Ghosh – Assistant Secretary.

Recommendation of Principal :

In ADV NO:01/06. applications are invited for filling up of vacant posts of Principal in 96 colleges and closing date of receiving of Forms is 20-04-2006.

State Level Eligibility Test(SLET)-2006 :

In the 11th SLET 10,326 candidates have applied for sitting the Test. The Test was held on 19-02-06 and the process of publication of result is going on.

9.12 DAY STUDENTS' HOMES

The Department of Higher Education runs four Day Students' Homes in the city of Calcutta. All the Homes are headed by a Warden-cum-Secretary, who is assisted by a number of other employees. The major objectives of these Homes are :

(i) To provide library facilities to under-privileged students at Higher Secondary and graduation levels at a Centre where text books and reference books including Journals and newspapers are made available to them;

(ii) To provide reading-room facilities to these students for a period of 12 hours (8.00 A.M. to 8.00 P.M.) on weekdays and 6 hours (8.00 A.M. to 2.00 P.M.) on Saturdays :

(iii) To provide cheap-canteen facilities at a heavily subsidised rate for meals and refreshments on a token payment of 20 paise only per meal.

KOLKATA DAY STUDENTS' HOME

61, Prince Anwar Shah Road, Kolkata-700 033; Phone : 2422-5655
Established : 11th July, 1959

Permanent Staff Strength	:	28
Present Staff Strength	:	24 (4 posts are vacant)
Status	:	Co-Education from 1st March, 2005
Library Staff	:	a) One Superintendent of Reading Room-Cum-Library b) Four Reading Room Assistant c) Two Reading Room Assistant
Books acquired	:	No. of Books 17,000 also available 3 newspapers and 5 magazines.
Reading Room Space	:	Can accommodate 200 students at any time during the period from 8 a.m. to 8 p.m.
Student Card Holder	:	450 No. of Boys & Girls of local schools & colleges are holding their Library Cards.
Students Attendance	:	100 Boys & 50 Girls are attending the Home Library every day in between 8 a.m. to 8 p.m.
Special programmes	:	On 3rd & 4th February, 2006 students of this Home worshipped "The Goddess Saraswati" with great devotion.

DAY STUDENTS' HOME FOR GIRLS

147A, Rashbehari Avenue, Kolkata-700 029; Phone : 2464-1194
Established : 01-12-1956

Free reading room cum library for the school & college students of low income group family.
Name of Founder of the Home : Hon'ble Chief Minister Dr. Bidhan Chandra Roy, Govt. of West Bengal

Staff Strength	:	28
Staff at present	:	18
No. of Students	:	451
Home remains open	:	8 a.m. to 8 p.m.
Books acquired	:	21,810 journals, periodicals
Reading Room Space	:	Sitting arrangement for 125 students at a time.
Other programmes	:	Debate Session, Competition of Recitation, Dance & Singing, Essay-writing of the Students and also Educational Tour & Prize distribution Ceremony.

ISWARCHANDRA PATHABHAVAN

299, Acharya Prafulla Chandra Road, Kolkata-700 009; Phone : 2350-1438
Established : 1956

Staff Strength	:	28 with 7 post vacant.
Books acquired	:	17,550, also 8 journals & 5 newspapers
Reading Room Space	:	600 students.
Other programmes	:	A study centre (2801) of IGNOU is housed at the building for Saturdays and Sundays; Other programmes conducted are debates, seminars, quiz contest, sports and games and educational tour.

SRI RAMKRISHNA DAY STUDENTS' HOME

9, Pasupati Bose Lane, Kolkata-700 003; Phone : 2555-3143
Established : 1956

Staff Strength	:	28 with five post vacant.
Books acquired	:	28,939 (Text & Reference Books)
Reading Room Space	:	350 students
Average daily attendance of Student Members	:	250 to 275 per day
Other programmes	:	Observance of Foundation Day, Prize distribution to the student members on their examination results and other programmes conducted are debates, seminars, quiz contest etc.

BANKURA INSTITUTE (DAY STUDENTS' HOME)

Pratapbagan, P.O. Bankura, Dist. Bankura, Pin-722101, Phone : 03242-40388
Established : 1998

Staff Strength	:	7 (Seven)
Books acquired	:	1800 and three daily newspapers
Reading Room Space	:	300 students at a time
Other programmes	:	No. of students visiting the Day Students' Home (on average per day) - Boys-60, Girls-15 Opening Hours : 8.00 a.m. to 4.00 p.m.

CHAPTER – 10

RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS ASSISTED BY THE STATE GOVT.

10.1 Bankim Bhaban Gabesana Kendra

10.2 Centre for Studies in Social Sciences

10.3 Jagadis Bose National Science Talent Search

10.4 Indian Association for the Cultivation of Science

10.5 Institute of Historical Studies

10.6 Paschim Banga Itihas Samsad

10.7 Ramkrishna Mission Institute of Culture

10.8 Socio-Economic Research Institute

10.9 Sri Sri Sitaramdas Omkarnath Samskrita Siksha Samsad

10.10 Ramkrishna Mission Ashrama

10.11 Calcutta Mathematical Society

10.12 Institute of Science, Education and Culture (ISEC)

10.13 Institute of Development Studies Kolkata

10.14 Indian Institute of Science Education & Research, Kolkata

CHAPTER – 10

RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

10.1 BANKIM BHABAN GABESANA KENDRA

Kantalpara, P.O. Naihati - 743 165
Dist. 24-Parganas (North), Ph. : 2581-9933
Established : 1999
E-mail : bankim_bhavan@vsnl.net
Director : Dr. Satyajit Chaudhury

Bankim-Bhaban Gaveshana Kendra is a research centre registered in the ancestral house of Rishi Bankim Chandra Chattopadhaya and maintained by Govt. of West Bengal in the Department of Higher Education. The aims and objectives of this centre include :

1. Renovation and restoration of the heritage building complex wherein Bankim Chandra was born and brought up and created most of his immortal literary works including the National Anthem 'Bande Mataram'.

2. Preservation of a huge collection of rare mutilated written manuscripts, letters, deeds, and other paper documents, textiles and other items of personal effects of the archive and Museum. It includes also the work of preservation and consolidation of a big bulk of rare mutilated 19th century text books and reference books used and read by Bankim Chandra, Sanjib Chandra and other family members.

3. Research on the life and works of Bankim Chandra Chattopadhya and his associates who contributed to the renaissance of the 19th century Bengal.

4. Research on the different aspects of the social history of Bengal and of the Bengali language and literature.

5. To continuously augment with new addition and alteration in display of the existing personalia museum on Bankim Chandra, and his associate writers as well as to develop it as a potential Regional Museum.

6. Expansion of the Museum in the newly renovated premises in the ancestral house of Bankim Chandra where he was born and brought up.

7. Digital documentation and preservation of the thousands of books and journal of the library : The nucleus of the library handed over to the Gaveshana Kendra, included a rare collection of old books and journals of the Chattopadhyay family, which subsequently, enlarged by other donations of books, journals, offprints etc. by eminent litterateurs.

8. To build up an archive with handwritten documents, records, genealogies and old Puthis on Palm leaf and country made paper and processing for publication.

The Archive :

A) Handwritten and Printed documents :

The nucleus of the archive was primarily the materials and written documents collected from the Chattopadhyay family numbering about 25 thousand pages and items, which include land and property deeds (since early 18th century A.D .), wills, pattas, diaries, letters, official reports, drafts, bills, notes, proof sheets, invitation cards etc. of Chattopadhyay family. It also includes correspondences of various writers and other eminent persons of the period.

On the other hand, in 'Mm. Haraprasad Shastri collection' hundreds of letters written by Haraprasad Shastri to his son, Benoytosh Bhattacharya, the Director, Gaekwad Research Institute and letters received from the eminent European indologists like Sylvain Levi, C. Bendall, J. Jolly, W. Caland, F. E. Parigiter, Louis de la Vallee Poussin, J. A. Bourdillon, Th. Stcherbatskoi, A. F. Rudolf Hoernle, G. Thibaut, K. Ohmiya, Denison Ross,H. Jacobi, and the top brass of the British Administration like Lord Curzon and Lord Lytton etc. written between 1901- 1930 is preserved.

Very rare papers of Pramathanath Mitra the founder of Anusilan Samity are preserved.

Similarly, papers of Samares Basu famous writer of Bengali Literature, collected from his family include many notes, letters, diaries, and interestingly, some papers of the great artist Ramkinkar Beij.

These rare archival materials are being cleaned and stored digitally, while the originals are laminated for permanent preservation. The up to date techniques are being adopted in this process. Till date more than 25,000 documents have been processed. This ongoing project continued in this year also.

These documents are very precious materials for research on 19th century Socio-Cultural History including the process of modernisation of the Bengali literature under the leadership of Bankim Chandra.

B) Puthi :

An important component of the archive is a collection of nearly 200 Sanskrit 'Puthis' donated by the descendants of Mm. Haraprasad Shastri. These puthis were used in the 'Toll' of Shastri family since 1760 and comprise of disciplines like *Smriti, Vyakaran, Tantra, Nabya Naya, Kavya* etc. Processing these manuscripts for proper preservation as well as preparing a descriptive catalogue of the same are two important research projects undertaken by the centre. Efforts are being made to procure more such puthis from the families in Bhatpara, Naihati, Halisahar, once renowned centres of Sanskrit culture.

A seminar and workshop on the Puthi collection of this institution was held in Bankim-Bhavan on 25th December, 2006 under the scheme of National Manuscripts Mission, Govt. of India, organised by the regional Centre under the supervision of Prof. Ratna Basu of Calcutta University.

C) A collection of variations of 'Bandemataram' song :

The Bankim-Bhavan Archive possesses a rich collection of records of' 'Bande Mataram' song, sung by eminent musicians, vocalists like Rabindranath Tagore, Pandit Omkarnath, Dilip Kumar Roy and Ms. Subbu Lakshmi and others. These old records have recently been cleaned with the help of HMV and preserved in Compact Disk.

Museum :

The present museum of Bankim- Bhavan Gaveshana Kendra is situated in the 'Baithak-khana' (Parlour), built by Bankim Chandra himself in the year 1862 where most of his literary works were penned. The famous *Bande Mataram* song was also composed here and set to tune by his music teacher famous Jadu Bhatta for the first time.

The personal mementos of Bankim Chandra, rare photographs of his family and associates are neatly displayed in the museum that attracts regular visitors from all over India. New exhibits in thematic units have been arranged, highlighting, in details, the creative activities of Bankim Chandra and his associates and of the period. Protective but transparent covers for the different units of exhibits has been devised and installed in the gallery. In this year 2102 persons visited the meseum.

The total collection accumulated could not be displayed due to paucity of space hence an annexe building is contemplated to extend the existing museum. Eastern Railway authorities were moved to handover a piece of land adjacent to the present museum for building the annexe. The present Railway Minister Sri Lalu Prasad Yadav has kindly sanctioned this prayer and the formalities have been already completed.

Library :

The nucleus of the library handed over to the Bankim Bhavan Gaveshana Kendra included the collection of books and journals received from Chattopadhyaya family. Presently it has around 7000 volumes of books, bounded volume of journals, off- prints collected from five different sources.

i. The collection of Chattopadhaya family, donated by Satanjib Chattopadhaya, grandson of Sanjib Chandra.

ii. The collection of Prof. Manju Gopal Bhattacharya, nephew of Mm Haraprasad Shastri.

iii. The collection of late Prof. Chintaharan Chakraborty of Presidency College.

iv. Books received as presentation from Paschim Banga Bangla Academy, Sahitya Samsad, Bimal Kar, family members of Samares Basu, Prof Sanat Basu, Sri Ramendra Nath Ghosh, and some others.

v. Recently a precious personal collection of late prof. Dilip kumar Biswas, nearly 2000 books and journals related to indological studies has been received from his wife Prof. Bharati Biswas.

vi. Some important reference books have been purchased from Govt. grant.

In a very short time the library has grown enormously and has become a vital component of this research centre.

Publication :

A) Bangadarshan :

Bankim Chandra established the famous monthly journal *Bangadarshan* in the year 1872. Subsequently the journal had been edited by Sanjib Chandra Chattopadhyay, Srish Chandra Majumdar, Rabindranath Tagore, Sailesh Chandra Majumdar and Mohitlal Majumdar until 1955.

This journal has been revived by Bankim-Bhavan Gaveshana Kendra in the year 2000 as a biannual mouthpiece of the Research Centre. From the very beginning of its publication, the revived *Bangadarshan* received warm appreciation of our scholarly world. Till now 10 numbers of Bangadarshan have already published. The Special issues on famous historian Prof. Niharranjan Roy and the artist Binod Bihari Mukherjee deserve special mention. Special articles also appeared on centenary of the theory of Relativity and the birth centenary of Jean Paul Sartre..

B) **Other Publication Projects :**

i) ***Haraprasad Shastri Rachana-Samgraha*** **:** *Volume V* edited by Dr. Satyajit Chaudhury and Dr. Bijali Sarkar, shortly to be published by the West Bengal State Book Board during Calcutta Book Fair 2007.

ii) ***Bangadarshan Parampara*** **:** A research monograph written by Dr. Bhabatosh Dutta and Dr. Bijali Sarkar. On the history of *Bangadarshan* Patrika successively edited by Bankim Chandra, Sanjib Chandra, Rabindranath & others. This monograph would contains full index of different periods of the publications of this journal. It has already been published in August, 2006.

iii) ***Bankim Chandrer O Bankim Paribarer Patrabali*** **:** A definitative edition of letters written by Bankim Chandra and his family members edited by Sri Krishnajiban Bhattacharyya, is also under the process of publication for near future.

iv) ***Rabindranather Bankim Chandra*** **:** a complete collection of writings of Rabindranath on Bankim Chandra with notes and references, being edited by Dr. Bijali Sarkar and expected to be published very soon.

v) Another important monograph in three versions- Bengali, English and Hindi, ***'The Source and Variations of Bandemataram-tune' (Bandemataram Sangiter Utsa O Sura Baichitra),*** a contribution of late Prof. Ananta Kumar Chakraborty will be published shortly. The Hindi version has already been published in December, 2006.

Seminars :

Two very important seminars were organised in this year.

i) Celebration of Bankim Jayanti on 28th June, 2006. Haraprasad Shastri Jayanti on 6th December, 2006.

Bangadarshaner Majlish : Regular seminars :

These seminars are regularly held on last Saturday of the month.

Regular discussions are held on last Saturday meetings about various interesting subjects that covers Art & Literature, History, Education, Health, Music, Cinema, Poetry-Drama-Short Story reading sessions. Nearly 100 interested persons regularly attend this sessions and participate in lively question and answer sessions.

10.2 CENTRE FOR STUDIES IN SOCIAL SCIENCES, CALCUTTA

R1, Baishnabghata-Patuli Township
Kolkata - 700 094, Ph. : 2462-5794 / 5795 / 7252
Fax : +91-33-2462-6183, E-mail : csscal@vsnl.net, postmast@csssc.ernet.in

The Centre for Studies in Social Sciences, Calcutta (CSSSC) was founded in 1973, mainly with the aim to undertake, promote and co-ordinate research in social sciences, with special emphasis on the problems of the eastern region and West Bengal.

ACADEMIC EXCELLENCE

CSSSC, commonly referred to as The Centre, has come to occupy a special prominence amongst the academicians and intellectuals. Eminent scholars from disciplines like economics, history, political science, sociology, geography and later media and cultural studies, were drawn to the Centre from its very inception. Over the years, there have been gradual and sometimes radical shifts in the interests of scholars at the Centre, but it has remained steadfast in its pursuit of academic excellence. The reports of the review committee of ICSSR and acknowledgements from distinguished scholars from India and abroad bear ample testimony to this.

ASSOCIATION WITH PUBLIC BODIES

Faculty members are often associated with bodies like State Planning Board, State Higher Education Commission, State Finance Commission and Sahitya Akademi. Many of them are on the editorial boards of academic journals and are office bearers of academic associations.

SUPERVISION OF DOCTORAL WORK

Several Ph.D. students registered with different universities, work under the guidance of CSSSC faculty members, though the Centre does not award any degree.

RECENT PUBLICATIONS BY FACULTY MEMBERS

Faculty members are quite prolific in publishing books and anthologies and also in contributing articles in newspapers, magazines and professional journals of national and international repute, like *EPW: International Journal of Comparative Sociology, Diacritics, Sociological Bulletin, Journal of Asian Studies, Inter-Asia Cultural Studies, Journal of South African Studies, Journal of World-System Research, Journal of Political Economy, Journal of International Trade and Economic Development.* Their seminal contributions, over the years, have been widely acknowledged by discerning readers both within and outside of the academic world.

PROJECTS

The main project emphasis of the Centre is related to the fields of agricultural labour, rural development, financial markets, informal sector, resettlement and rehabilitation, political economy and cultural studies with cross-disciplinary approaches.

In the past the Centre has carried out projects, assigned by various national and international organizations like RBI, SSRC, SANEI, DFID, ENRECA, World Bank, ICRW, CSDS, IDPAD, Massey University and Ford Foundation.

The Ongoing Projects are :

i) Resource Centre at CSSSC for the Asian Region - SEPHIS

ii) A Documentary History of Advertising in Bengal 1880-1950 –

iii) SSRC Resource Centre -SSRC, New York

iv) Industrial Finance -RBI Permanent Research Endowment Scheme

v) Joint Research and Training Program —ENRECA

vi) Property Ownership and Inheritance Rights of Women for Social Protection – ICRW

vii) Education, Decentralization and Social Inequalities -IDPAD

viii) New Cultural Histories of Eastern India —Ford Foundation

ix) Globalization, Income Inequality and Regional Disparity : Analyzing the Indian Experience in the 1990 - SANEI

x) Political Ethnography of Rural West Bengal —Boston University

xi) Decentralization in Panchayat Institutions in West Bengal –DFID

xii) Study of Democracy in South Asia -CSDS & Lokiniti, Delhi

xiii) Dialogue on Democracy and Pluralism in South Asia -Centre for Law Governance, JNU, New Delhi.

xiv) Exchange Program with Massey University.

IMPORTANT ACADEMIC EVENTS

The busy calendar of *Seminars, workshops, lectures, conferences and face-to-face interactions,* organized by the Centre, has come to occupy a prominent place in the intellectual life of Kolkata. A wide cross-section of Indian and International scholars are brought together at these events from time to time.

10.3 JAGADIS BOSE NATIONAL SCIENCE TALENT SEARCH

716, Jogendra Gardens, Kasba, Kolkata - 700 078
Telephone : 2442-8270, 2442-5191, 2442-8269 (Director)
Fax : 2442-5485, E-mail : jbnsts@vsnl.com
Estd. 1st July, 1960

To commemorate the Birth Centenary of Acharya J. C. Bose, India's first modern scientist, this unique institution was established in the year 1958 by visionaries like Dr. B. C. Roy, Sir Jehangir Ghandy, Sir R. Mudaliar and other noted educationists and industrialists. The program was inaugurated by Pandit Jawaharlal Nehru.

AIMS AND OBJECTIVES

- To identify talented students at a young age who will emerge as scientists, technologists and doctors of very high abilities in the future and become the "builders of modern India".
- To nurture them through enrichment programs to develop their talents.
- To motivate students to realize the importance of excellence in the scientific world and educate them to cultivate this goal in real life as students of science.
- Conserve scientific talent with a view to provide for the nation's need for science and technology personnel.

AREA OF WORK

Financed by the Department of Higher Education, Government of West Bengal, the functions of JBNSTS were primarily limited to West Bengal only. However, from the early 90's, it started to spread its activities to the neighboring states of Eastern and Northeastern Region. Presently, JBNSTS is engaged in a number of projects in collaboration with Dept. of Science and Technology, Govt. of India, Council of Scientific and Industrial Research, Govt. of India, Ministry of Development of North Eastern Region, Govt. of India etc. Apart from that, a project for training of science teachers of West Bengal has been undertaken in collaboration with Sir Ratan Tata Trust, Mumbai. This program is found to be very suitable by the Department of Higher Education, Govt. of West Bengal.

Presently, the activities of JBNSTS are extended to 14 States of India namely West Bengal, Bihar, Orissa, Jharkhand , Chhattisgarh , Assam, Tripura, Arunachal Pradesh, Nagaland, Manipur, Mizoram, Meghalaya , Sikkim and Andaman & Nicober Islands.

STATUS AND FUNCTIONING

JBNSTS is a registered society (Regn. no. S/ 4353 of 1960-61) under Registration of Societies Act,1860. It enjoys status of a special institution as declared by Department of Higher Education, Government of West Bengal.

JBNSTS undertakes various projects in collaboration with different departments of Central Government as well as State Government and reputed private Organizations, Trusts etc.

JBNSTS has a Governing Body with representatives from Higher Education Department, Government of West Bengal, industrialists, educationists and eminent professionals from various disciplines. Apart from that, there are eminent educationists in the Academic Advisory Board and it is a privilege to get their guidance in all academic matters.

Presently, Chief Patron of JBNSTS is Hon'ble Shri Gopalkrishna Gandhi, Governor of West Bengal. The President is Shri Jyoti Basu, former Chief Minister, Government of West Bengal, and Chairman is Dr. Purnendu Chatterjee, noted industrialist.

With a group of very dedicated staff as its asset, the office **"JB Centre of Excellence for Student Scientists"** is situated at 1300, Rajdanga Main Road, Kolkata 700 107.

Programs undertaken by JBNSTS in collaboration with Dept. of Higher Education, Govt. of West Bengal

a) Senior Scholarship Scheme

This is the core program of JBNSTS. Since the inception of this organization, this program has remained at the center of all the activities. Under this scheme, the undergraduate students of Pure Science, Medicine and Engineering appear in a multiphase selection procedure and those who are selected are awarded this prestigious scholarship. The selected scholars are motivated and nurtured throughout their M.Sc/MBBS/BE/B.Tech level. JBNSTS has a very luminous list of scholars like Professor A Ananthakrishnan, Former Director, GMRT, Pune, Prof. K. B. Sinha, Distinguished Scientist, Indian Statistical Institute, Delhi, Dr. Purnendu Chatterjee, noted industrialist, to name a few. Almost all the scholars occupy very high positions in their field of works.

The selected scholars get a monthly scholarship of Rs.500/- and book grant of Rs.1000/- per year during the period of the scholarship. Besides, they are invited to take part in various follow-up Programs like seminars, talent enrichment programs, and educational tours, project works etc.

b) WBDS Program

This program is aided by the Department of Higher Education, Govt. of West Bengal and meant for the middle school students of different districts of West Bengal. The main focus of this scheme is on the underprivileged but meritorious students of remote areas of the State. It is a very successful and popular program among the students and the teachers of the district schools. Presently, 7 districts are covered under this program namely Nadia, 24 Pgs (S), Birbhum, Purulia, Burdwan, Bankura and Hoogly . A number of science workshops were organized in different schools for the students of

those areas. A). Under this program, Residential and non-residential science workshops are organized rotationally in the districts for students of Class VIII and IX for 3 to 4 days. About 60 - 65 students nominated by the schools of a particular area and accompanying science teachers from each school take part in these workshops. A team of outstanding faculties conduct these workshops. The workshops consist of theory and practical lessons plus laboratory and outdoor assignments not included in the school syllabus. The participating students are exposed to the exciting and advanced areas of science, which are basic to the understanding of the core concept of the subjects. They are also encouraged to develop self learning through self exploration. It is an excellent opportunity for the young students to understand the basic areas of science as well as the global character of scientific activities. It surely is a very rich learning experience for the students.

OTHER PROGRAMS

a) CSIR Program

The Council for Scientific and Industrial Research (CSIR), Government of India has been contributing to the talent enrichment of selected scholars since 1962 and has in the past few years extended its support of JBNSTS to cater to undergraduate science students from Bihar, Orissa, Jharkhand and Chhattisgarh.

b) DST Program

Since 1999, Department of Science & Technology (DST), Government of India has been contributing to a range of Contact Programs for students of the Northeastern States as well as that form Bihar, Orissa, Jharkhand and Chhattisgarh. In the past two years Andaman & Nicobar Islands have been included in this Program.

c) DRDO Program

This year the Defence Research Development Organization (DRDO), Government of India has sponsored a few programs for the enrichment of senior scholars of the JBNSTS as well as the High School students of the Northeastern States.

d) SRTT Program

It has been just one year since JBNSTS has launched itself in the field of Teacher's Training in science teaching for middle school science teachers of West Bengal. This venture has been taken up by JBNSTS in collaboration with Sir Ratan Tata Trust, Mumbai, and has been successful in building a community of motivated, goal oriented and skilled middle school science teachers. This project shall eventually be recognized as a strong pedagogic movement within the State.

e) NER Program

From the year 2005-06, a project to motivate, identify and nurture the young talented science students from 8 northeastern States has been undertaken in collaboration with the Ministry of Development of North Eastern Region. Under this project, high school science students will be motivated to take up science as their future career. Talented students will be identified through talent identification tests and scholarship and book grant will be given to the selected students.

ACTIVITIES OF JBNSTS TOWARDS MOTIVATION, IDENTIFICATION AND NURTURE OF TALENTED SCIENCE STUDENTS IN 14 STATES OF INDIA :

Date	Programme	Details with Venue
May 6, 2006	Project Evaluation and Discussion	For the Senior JB Scholars (2004 Batch) held at JB-Centre of Excellence, Kolkata.
May 12, 2006	Junior Talent Search Test	Junior Talent Search Test for the 8 Northeastern States students held at Indian Association for the Cultivation of Science.
May 12 - 15, 2006	Follow up Program	Follow Up program for the same group of students. Visit to: Indian Association for Cultivation of Science,Kolkata; Jadavpur University, Kolkata; Birla Industrial & Technological Museum, Kolkata.
May 19-21, 2006	WBDS Workshop	WBDS interactive science workshop for middle school students (~ 54) held at Bethuadahari JCM High School, Bethuadahari, Nadia. Speakers : Prof. Basudeb Bhattacharya, Indian Sky Watchers Association, Kolkata; Dr. Debashis Dhar, GCM College of Education, New Barrackpur; Shri Siddhartha Sankar Chattopadhyay, Teacher, Biddhannagar Govt. High School, Kolkata; Shri Anshuman Das, DRCSC, Kolkata; Shri Anjan Bera & Smt. Chandra Naskar, NEEV, Kolkata.

10.4 INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

Estd : 1876
2 A & B, Raja S.C. Mullick Road,
Jadavpur, Kolkata - 700 032
Telephone : 2473-4678 / 3372 / 3073
Fax : (91) (33) 2473-2805, 2483-6561

After immediate completion of 125 years and at the juncture of 75th Year of Discovery of Raman Effect IACS continues to strive towards excellence in basic science and allied technology covering several emerging frontline areas of materials research, atomic, molecular and optical physics, molecular science, theoretical science and biology. However, the acute shortage of funds remains a matter of grave concern for its all-round growth and development.

Research Activity in various departments and units :

Energy Research Unit

(i) An indigenously designed and fabricated prototype production line for the fabrication of large area integrated double junction (30 cm x 30 cm) a-Si.' solar modules have been set up and made operational in December, 2002. Initial trial with the line has been started.

(ii) High growth rate (4.5 A/Sec) has been achieved for intrinsic microcrystalline silicon films prepared by RF-PECVD method.

(iii) Microcrystalline silicon based single junction solar cell has been fabricated with 6 % efficiency.

(iv) Using transparent conducting ZnO (developed in our laboratory) at n/metal interface more than 10% increase in efficiency has been achieved in amorphous silicon solar cells.

(v) A new PECVD deposited material has been developed and applied in single and double junction solar cell with higher stability.

(vi) Plasma diagnostic of silane plasma mixed with different gases is on going.

(vii) Using insight gained from theoretical modeling, specially the fact that the p/i interface for the pm-Si:H cells is considerably more damaged than standard a-Si:H based cells, the deposition parameters were optimised to ultimately yield pm-Si:H cells, with conversion efficiencies higher than a-Si:H cells.

Polymer Science Unit

Researches in the following areas were conducted :

Living Polymers : Synthesis of living polyacrylamide (an important water soluble polymer) was accomplished for the first time using the atom transfer radical polymerization route.

Novel elastomer blends : Various combinations of accelerators and vulcanizing agents were investigated in order to improve upon the covulcanization of elastomers differing greatly in the level of unsaturation e.g. natural rubber + EPDM rubber.

Polymer crystallization : The crystallization of PET with the piezoelectric polymer poly(vinylidene fluoride) was explored.

Polymer gelation : Conductivity variation of polyaniline gels was studied. It was the thermodynamics of gelation of poly (3-alkyl thiophene) in xylenes.

Polymer based nanostructures : Progress has been made towards the synthesis of hollow polymer nano-capsules.

Polymer-surfactant interaction : Interaction between a physiologically important surfactant viz. bile salt and a biocompatible polymer, poly(vinyl pyrrolidone), was studied.

HONOURS AND AWARDS

Our faculty members have received national awards, they have been elected to distinguished Academies of Sciences and invited to address various national and international meetings.

10.5 INSTITUTE OF HISTORICAL STUDIES

Estd : 1961
35, Theatre Road
Kolkata - 700017
Phone : 2247-5236

The Institute of Historical Studies, Kolkata, founded by Dr. S. P. Sen, in April, 1961 as a pioneering organisation devoted to the cause of historical study and research completed the forty-fifth year of its fascinating history of sustained growth to attain a phenomenal height in the academic world. His

dynamic and dedicated leadership enabled the Institute as his spiritual child to receive in its early formative phase the warm and enthusiastic support of scholars and academicians all over India and abroad on its way to becoming what it is today – a leading all India academic forum for the advancement of historical knowledge with international recognization. The institute is now an automonous body, financed by both the Government of India and the Government of West Bengal on 50 : 50 basis.

10.6 PASCHIM BANGA ITIHAS SAMSAD

Sarat Bose Bhavan,
1, Woodburn Park, Kolkata – 700 020

Paschim Banga Itihash Samsad is one of the largest regional associations of professional historians, history- inclined academics and lay persons in India. It has maintained close link with the Indian History Congress for more than a decade now. The organization has more than 2000 members.

OBJECTIVES

The PBIS has consistently tried to promote the cause of teaching and research in history through the Bengali language and maintain links with other regional associations pursuing similar goals. It has also directed its efforts towards upholding secular and scientific values in all history – related endeavors. It has continued to devote its attention to rationalizing and updating the history curriculum followed in schools, colleges and universities of West Bengal. The publications of books and compilations of articles continued to form and integral part of Samsad's activities. The PBIS also organizes special lectures on education, political thought and historical geography apart from social and economic history of India.

ACTIVITIES IN 2006-2007

1. The 8th Ashin Das Gupta Memorial Lecture was delivered on 6th May 2006 at Jibananada Sabhagriha, Paschimbanga Bangla Academy by Professor Haraprasad Roy on "Madhyayuger Chin O Bharat Mahasamudra".

2. The 11th Sushovan Sarkar Memorial Lecture was delivered on 19th August 2006 at Presidency College, Kolkata by Professor Dwijendra Narayan Jha of Delhi University, on the theme of "Beef in the Hindoo Identity".

3. On 21 September, 2006 PBIS with collaboration of Sarsuna Association & Prativa Library, Behala, organised a book publishing ceremony (Pratapshandra's Bangadhip Parajaya), which was attended by the Speaker of Parliament Shri Somnath Chatterjee,Mayor of Kolkata Shri Bikash Ranjan Bhattacharya, Shri Sujan Chakraborty, M. P, Nirmal Mukherjee, Chairman, Kolkata Municipality etc.

4. On 16 December, 2006 Paschim Banga Itihas Samsad organised Seminar on the Great Revolt of 1857 jointly with the ABTA,East Medinipore district committee at Hamilton School,Tamluk.

10.7 THE RAMKRISHNA MISSION INSTITUTE OF CULTURE

Estd. 1938

Gol Park, Calcutta - 700 029

Telephone : 2464-1303, Fax : (91-33) 2464-1307, E-mail : rmic@vsnl.com

The Ramkrishna Mission Institute of Culture is a Branch Centre of the Ramkrishna Mission, Belur Math. It was established in 1938 in a small rented room in North Calcutta and shifted to Gol Park in 1961. Pandit Jawaharlal Nehru inaugurated it on 1st November 1961.

OBJECTIVES

The activities of the Institute are directed towards fulfillment of its three main objectives : (i) proper interpretation and appraisal of Indian culture, (ii) the promotion of mutual understanding between India and other countries, and (iii) the promotion of the study of cultural heritage of India and of mankind as a whole.

ACTIVITIES DURING THE YEAR – 2006-2007.

It was a year of some spectacular events, such as conferment of Vivekananda Award and Vivekananda Medal.

Dr. Vladislav S. Kostyuchenko, Moscow, formerly Prof. of Philosophy in the Moscow State University and an eminent scholar well-known for his study and research on Swami Vivekananda in Russia was selected by the Institute for the Vivekananda Award 2006. On 2nd August 2006 in a meeeting in the office of Mr Kapil Sibal, Indian Ambassador, Moscow, Swami Prabhananda, the Secretary of the Institute handed over a cash award of $2170 (Rupees one lakh), a photograph of Swami Vivekananda and the citation elegently decorated and aesthetically prepared, to Mr Sibal to present the same to Dr Kostyuchenko. Swami Jyotirupananda, President, Ramakrishna Vivekananda Centre, Moscow, read out the citation. Prof. Kostyuchenko, Mr Sibal and Swami Prabhananda addressed the gathering. SEWA Rural, Jhagadia, Gujarat was selected for the Vivekananda Medal 2006. The Award consists of a gold medal, cash award of Rs. 25,000/ -and a citation. With a day long programme the Institute celebrated its 69th Foundation Day on 29 January 2007. Mr Gopalkrishna Gandhi, Hon'ble Governor of West Bengal attended a Reception and inaugurated the Children's Art Exhibition set-up by the Sarada Devi School of Arts and Crafts. The Governor presided over the Foundation Day meeting. The Foundation Day Oration was given by Professor B. B. Bhattacharya, Vice-Chancellor, Jawaharlal Nehru University on "Challenges of Social Disparity in India" .

To mark the 144th Birth Anniversary of Swami Vivekananda, a Grand Music Festival on 12 January 2007 was inaugurated by Swami Prabhananda. Like previous years, the Institute celebrated Birth

Anniversary of Sri Ramakrishna, Sri Sarada Devi and Swami Vivekananda with a colourful procession followed by Rally on Nazrul Mancha on 18 February 2007. At the Rally devotional songs were sung. The function at Nazrul Mancha started with Vedic chanting.

For the spread of knowledge and promotion higher values, the Institute throughout the year, maintains, as regular activities, a busy schedule of lectures, seminars, symposia, music programmes etc. 275 public functions were held throughout the year.

The Institute also conducted an All India Elocution Competition on Swami Vivekananda in which there were 790 contestants from various Schools, Colleges and 73 candidates won prizes.

One of the busiest sections of the Institute is its Library in a well-ventilated, adequately illuminated and spacious Reading Room with an average daily attendance of 1649 readers and average daily issuance of 1544 books in a computerised environment. The Library has 3 Wings -General, Children and Junior Section. The number of books purchased, obtained as gifts and bound periodicals during the year upto December 2006 was 4282 raising the stock to 225226 (General 203204, Junior 7381, Children 14641).

Research is the inherent and continuous activity of the Institute inasmuch as the activities of the Institute are directed towards dissemination of knowledge for the promotion of the concepts of harmony of religions and the basic unity of man and his culture. In pursuance of this objective, the Institute through this Centre, carried on, during the year under report, research work in the renovated research department as in the previous year, with scholars of the country and abroad. During 2006 the number of Pre-doctoral and Post-doctoral scholars are 14 and 4 respectively. Some scholars have completed their project and gone abroad. At present there are a few foreign scholars in the Centre. The total number of Research Professors and Visiting Professors are 20. The Centre organised a 3-day International Workshop-cum-Seminar during 13-15 January 2006 on **"Consciousness : A Deeper Scientific Search"**. The Centre with the support of UNESCO and the Ministry of Human Resource Development, Government of India has conducted a 9-month Advanced Course on **"International Understanding in Human Unity"**. UNESCO and MHRD shared their knowledge and experience, while delivering lectures to the participants of the course. The Convocation of the participants in the said UNESCO approved Course was held on 11.7.2006. Ms. Minja Young, Director, UNESCO, New Delhi delivered the Convocation Address and Mr Yushi Kazu Takeuchi, Consul-General of Japan graced the occasion as the Guest of Honour. The Convocation of the Centre was held on 20 November 2006 in which Dr. Ramaranjan Mukherjee, formerly Chancellor, Tirupati University , delivered the Convocation Address.

The Institute's School of Languages is a major wing and centre of activities of the Institute. During the year under report the School teaches 17 languages: 5 Indian -Bengali, Hindi, Sanskrit, Tamil and Urdu and 12 foreign - Arabic, Chinese, English, French, Germany, Italian, Japanese, Latin, Persian,

Portuguese, Russian and Spanish. The total enrolment in 2006 was 15,986, English accounted for 82.49%. 166 scholarships were given to needy students of the English Language Course and 100 Oxford English Intermediate Dictionaries were distributed among other needy deserving students of English Language. The convocation of the School of Languages was held on 1 April 2006. Hon'ble Mr Justice V. S. Sirpurkar, Chief Justice of Calcutta High Court delivered the Convocation Address, gave away the prizes and certificates. Tulsi-Beena Goswami Debate Competition was held on 30 October 2006. The topic was **"In the Opinion of the House Agriculture is the Life line of India"**. 77 students participated in the debate. The French magazine **"La Pionnier"** was brought out by the students and teachers of the French Department during the year under report.

To encourage young people to imbibe the ideals of the Ramakrishna Mission, the Institute started a Youth Forum called **Vivekananda Study Circle** and later on another youth wing called **Vivekananda Anushilan** for a deeper study of the life and philosophy of Swami Vivekananda. The Vivekananda Anushilan conducted 26 sessions with an average attendance of 70. The Institute in its Value Orientation Programme carried a man-making message of Swami Vivekananda further to the youth at large through 162 Youth Conferences held in 11 districts of Kolkata, Howrah, Hooghly, Nadia, Burdwan, Bankura, Murshidabad, Paschim Medinipur, Purba Medinipur, South and North 24 Parganas in which 32, 134 youth participated. Besides this 2 Central Youth Conventions were held on 12 March 2006 and 15 October 2006 at the Institute in which 2350 youth delegates from 166 organisations covering 11 Districts took part.

In pursuance of the guidelines framed by the Department of Secondary and Higher Education, Ministry of Human Resource Development, Government of India, the Institute organised Value Education Programme in several sessions involving three vital sectors of the society, namely, students, parents and teachers. The Value Education Workshop for 192 teachers was organised during 6- 8 June, 2006 respectively.

The Institute's activities towards dissemination of knowledge for different disciplines are supported by its publications and the Institute has a very active and productive Publication Department. The monthly **Bulletin** with contributions from eminent scholars on culture in all its aspects was regularly published. Among other publications brought out this year mention may be made of *Philosophy and Science of Value Education in the Context of Modern India; Life, Mind and Consciousness; Bharatatattva, Vol. II and Swami Vivekananda : Manishider Chokhe.* A good number of the Institute's earlier publications were reprinted during the year.

The Museum and Art Gallery has developed itself as a place of interest in the city of Kolkata, particularly to the art-loving people of this metropolitan city .It helps people gain a representative knowledge of Indian Art in its diverse forms. It has 5 major sections -Painting, Sculpture, Folk Arts, Manuscript and Metal Wares. There are altogether 1201 exhibits in the Art Gallery .During the period, Museum purchased 4 Art objects and sent 7 Textile items for restoration to INT ACH, Lucknow. The Annual

Art Exhibition of the Sarada Devi School of Fine Arts and Crafts was held on 29 January 2007. Mr Gopalkrishna Gandhi went round the exhibition set up by the children of the School. 294 students got admitted in the School during this year.

A major academic programme of the Museum and Art Gallery is to run a 10 -month Post-Graduate Diploma Course in Appreciation of Indian Art which is recognised by Kavi Kulaguru Kalidas Sanskrit University, Nagpur. More than 36 Art Historians, Art Critics, Artists are attached as faculty .The Convocation for the Academic Session 2005-2006 was held on 20 November 2006.

During the period under Report, with the income from endowments created by the donors, the Institute gave a large number of scholarships and stipends to needy but meritorious students. Besides this, 3 scholarships of Rs. 1,00,000/ -each for higher studies abroad were awarded to 3 scholars through Debesh-Kamal Scholarship; also a few more scholarships to medical students in West Bengal. The total educational assistance rendered by the Institute during the year is Rs. 19,08,300.00.

During the year under report, the Institute served 1/2 litre milk and 200 gm. bread, a bun bread everyday to 450 poor children up to 6 years of age. They were given Puja garments, woollen caps, sweater and shoes too. Besides this 300 Pieces of blankets were given to the poor, old, destitute in Winter.

The Institute has an International House meant for the Institute's guests, scholars and students from various parts of India as well as abroad. They help create the bridge which unites minds and spirits of the people with different backgrounds. During 2006 3666 guests stayed at this International House.

10.8 SOCIO-ECONOMIC RESEARCH INSTITUTE

Date of establishment : 7th July 1959
C-19, C-39 & P-16 (Tower Block), College Street Market, (1st Floor), Kolkata - 700 007
Phone : +91(033) 2241-0775, Fax : +91(033) 2219-8169
E-mail : socioecoresearch@vsnl.net

The Institute is devoted to the study of social and economic problems of India, past and present. Prof. Asis Kumar Banerjee is the President and Prof. Durga Prasad Bhattacharyya is the present Secretary of the organisation.

The ongoing research projects of the Institute are the following :

1. Pre-Census Population Project of India sponsored by the Planning Commission and the Registrar General, India :

The purpose of the project is to compile and publish descriptive and statistical materials on any part of India — Provinces, districts, cities, towns, taluks, thanas, villages from the ancient

period of 1870 when the first census was conducted. It is proposed to publish 8 volumes, one volume for the period up to 1800, and one for each decade from 1801 to 1870. Four volumes relating to the period 1801-1840 have been published by the Registrar General, India. The manuscripts for Volume VI (1841-1850) and Volume VII (1851-1860) is ready for publication by the Registrar General, India.

1.1 The Registrar General, India has sanctioned a grant of Rs. 12,89,400 for compilation of three volumes - 5000 B.C. to 1800 A.D., 1861-1870 and a residual volume.

2. A Bibliography of Bengali writing on social sciences 1948 onward sponsored by the Indian Council of Social Science Research (ICSSR), Union Ministry of Human Resource Development :

The Institute has compiled a bibliography of economic and sociological writings in Bengali up to 1950 with the support of the ICSSR. The Paschim Banga Bangla Academy has published the bibliography of economic writings in Bengali. The Institute has completed a catalogue with annotation of books and articles for a bibliography of all branches of social science from 1948 to 1990 and the manuscript of secondary sources is ready for publication.

3. Economic History of India: Documents. 1858-1901—Agriculture and Irrigation—sponsored by the Indian Council of Historical Research (ICHR), Union Ministry of Human Resource Development :

Two volumes of the manuscript are in the press.

3.1 As requested by the ICHR, a proposal for compilation of materials on agricultural and irrigation of India has been submitted to them with a budget of Rs. 6 lakhs.

4. Bengali Writings on Science and Technology, 1800-1950 :

The Institute is going to publish Bengali Writings on Science and Technology, 1800-1950. The West Bengal Government has sanctioned a grant of Rs.25,000. The manuscript is being processed for publication.

10.9 SRI SRI SITARAMDAS OMKARNATH SAMSKRITA SIKSHA SAMSAD

107, Southern Avenue, 'Vaikunthadham',
Kolkata - 700 029
Ph : 2466 4983

Activities during the year 2006-2007 :

The Samsad which was founded in 1986 and registered under the West Bengal Societies Registration Act, is dedicated to the cause of Sanskrit and Vedic learning as also dissemination of the message of Indian Culture throughout the Country. It is recognised by the Government of West Bengal and the Government of India and is receiving grants from both the Government. It is progressing slowly but steadily towards attaining the status of centre of excellence. With a view to achieving its aforesaid objectives, the Sam sad undertook the following activities during the year '2006-07'.

The Samsad has become the premier institute in the Eastern Region of the country imparting instructions in Sanskrit and other oriental subjects in accordance with syllabus prescribed by the Government of India. It is also concurrently running a very important traditional course leading to the titles of 'Adya', 'Madhya' and 'Upadhi', through Examinations conducted by the Vangiya Sanskrita Siksha Parishat, a wing set up by the Government of West Bengal to monitor Sanskrit learning in the State. Performance of its students in these examinations during the year was very satisfactory. Alongwith these courses students are also being taught in modern subjects and Computer Application with the ultimate object of preparing them to sit for the Secondary Examination. This will, no doubt, enlarge the scope of their employment. During the year in question, the Samsad had been maintaining 65 students in its four units.

During the year six of its students who were eligible to appear at the All India Examination held annually by Maharshi Sandipani Rashtriya Vedavidya Pratishthan at Ujjain passed the said examination creditably. It is encouraging that three of them secured first class.

The Samsad has a publication wing and a few books on Indology, Sanskrit and Bengali literature have already been published and few others are under process.

The Samsad had already set up a cultural unit, which holds such cultural programmes as would promote Indian culture. Besides, research works in different areas of Indian culture and performing arts are being carried on in this Unit.

As in previous years, the Samsad organised during the year a few seminars and lectures on Indian studies and culture, each of which was intended to highlight the relevance of Sanskrit and Vedas in

the contemporary world. In particular, a 2-day National Seminar on the theme, "Sanskrit & Modern Indian Languages: A Search after Commonality" which was sanctioned by the Ministry of Human Resource Development, Government of India was organised by the Samsad on January 31 -February 1, 2007 at Ramakrishna Mission Institute of Culture, Kolkata. Many eminent Scholars of National and International fame participated in the Seminar who made the Seminar more meaningful by their learned speeches. The Seminar Hall was packed to capacity by the enlightened persons of the city.

The Samsad does not confine its activities to traditional subjects alone, but it tries to make its students conversant with some basics of science and new scientific developments through discourses on various scientific topics. During the year arrangements have been made for certain sports and games. The students are now regularly playing Football and Cricket in the afternoon in the adjoining field.

The Foundation Day of the Samsad duly observed on August 17, 2006 at Vaikunthadham, 107, Southern Avenue, Kolkata- 700 029. On this occasion a Wall-Magazine titled, "Sura-Sristi" with contributions from the students only was inaugurated. The Foundation Day Oration was delivered by Justice Shyamal Kumar Sen and the function was presided over by Prof. Ramaranjan Mukherji.

As in previous years, this year also Samsad held its own Examination at Kolkata in 'Adya','Madhya' and 'Upadhi' in accordance with syllabus drawn by the topmost scholars in the country. The Examinations evoked keen interest and as many as 600 candidates from various districts appeared thereat.

The Samsad has already established itself as one of the leading Research Institutes in the country. As recommended by the State Government the following projects were earlier allotted to it by the Government of India :

(i) Compilation of Anthology; (ii) Art of Life; (iii) Compilation of a Dictionary of Sanskrit Poetics; (iv) Iswar Chandra, Bankim Chandra, Swami Vivekananda, Sri Aurobindo and Rabindranath Tagore in Sanskrit.

While the work on the first three projects have already been completed and final Report sent to the Government of India, the work on the remaining project is in progress. Meanwhile, two other important projects entitled "Translation of Certain Sanskrit Texts into Bengali" and "Relations between Sanskrit and Concepts originating in contemporary society", have been allotted to Samsad by the Government of India on the recommendation of the State Govt. The work on these projects, which has already started, has made considerable progress.

10.10 RAMKRISHNA MISSION ASHRAMA

Narendrapur, Kolkata - 700 103
Phone : 2477-2201, E-mail : rkmcnpur@vsnl.com, Fax : 2477-3597
Principal : Swami Asaktananda

The Ramkrishna Mission Ashrama, Narendrapur, is a premier branch centre of the Ramkrishna Mission with a wide range of activities. It had a very humble beginning as a Students' Home for college students in North Calcutta in 1943 and later on shifted to its present site in 1957. The campus occupies an area of 150 acres with a road length of 7 km and stays rich green throughout the year. The activities of the Ashrama can be classified as :

Activities and Achievements during 2006-2007

Academic Attainments :

B.Sc. (Honours) Courses :

Year	Percentage of success	First Class holders in Honours
2006	100%	69 (Phy. 23, Chem. 21, Math. 4, Stat. 12, Eco. 2, Comp. Sc. 5, Hist. 2)

H.S. Course :

Year	Percentage of success	1st Div.	2nd Div.	Star Marks	900 marks & above
2006	100%	120	6	97	34

Research Institute and Autonomous Voluntary Organisations :

H.S. J.E.E. -Results, 2006

Successful candidates : 75 (Medical Rank – 4)

Student were successful in the Joint Admission to M.Sc., 2006 : All India Rank

Chemistry : IIT – 15, IISC – 1; Statistics : IIT –13, IST-8;

Mathematics : IIT-3, ASI – 1; & Physics - 3, Pune University - 4

Game and Sports :

Regular training is given to the students to develop skills in sports, physical exercises and athletics. They played a number of friendly football, cricket and table tennis matches and participated in several tournaments oganised by C.A.B and C.U in 2006-2007.

The college also co-hosted the 8th Inter Non-Government College Athletic Meet and Football championship 2006, at the district level along with the Department of Education, Government of West Bengal.

The Annual College Sports was held on 8th and 9th December, 2006 at our Ashrama Sports complex.

Our college participated in the Inter-College Cricket Championship organised by the Department of Sports, Calcutta University in March, 2006. The Intra-College Table Tennis tournament was held between 3rd and 4th week of August, 2006.

Social Service (NSS) :

Social service camps are organised by the N.S.S. unit in rural areas where students and teachers work in collaboration with the local youth. Usually the regular programme of work includes road construction, road repair, cleaning tanks, adult literacy work, sale of T. B. seals, giving dictation to the blind boys, conducting classes for poor local students and the like. On 4th November, 2006, 151 students and inmates donated blood at a blood donation camp organised by the Voluntary Blood Donors Association, W. B., on our Brahmananda Bhavana Premises. Rs. 1200/- was raised by selling T. B. seals and the collected amount was sent to Bengal Tuberculosis Association.

10.11 CALCUTTA MATHEMATICAL SOCIETY

AE-374, Sector-I, Salt Lake City
Kolkata - 700 064
Phone : (91) (033) 2337-8882
Fax : (91) (033) 2337-6290

The Calcutta Mathematical Society (CMS) undertook various activities during the year 2006- 2007, related to the development of teaching and research in Mathematics and Mathematical Sciences for which objectives the Society was established in 1908 at the Senate House of Calcutta University with Sir Asutosh Mookerjee as the founder President and Sir Gurudas Bandyopadhay as one of its founder Vice-Presidents. It is carrying on its distinct culture, heritage and its independence. It is now in the voyage its Centenary. It is one of the oldest Mathematical Society of the World and is now recognized as International Center of Excellence.

Major activities and achievements during 2006-2007 :

Publication of Journals : The Society has published all its four internationally recognized series of journals namely, "Bulletin of the Calcutta Mathematical Society" (bi-monthly), "News Bulletin of the

Calcutta Mathematical Society" "Review Bulletin of the Calcutta Mathematical Society", and the new title "Journal of the Calcutta Mathematical Society" for the year 2006 on time.

Several valuable research articles of the eminent scientists of the World like Henry Poincare, W.H.Young, H.Lamb, G.H Hardy, W.Sierstinski, F.Riesz,A.R.Forsyth, D. Smith, M. Frechet, E.T. Whittaker, Meghnad Saha, C. V. Raman, S. Chandrasekhar, S. N. Bose, Ganesh Prasad and many others were published in the Bulletin of the Calcutta Mathematical Society, which are now bound and kept in the library.

The recent work of Professor Dahlberg (Sweden) proving the converse of the ***Four vertex Theorem*** completes hundred-year-long thread of ideas initiated by Bengali Mathematician Syamadas Mukhopadhyaya and published by Calcutta mathematical Society in 1909.

Other Publication of the Society :

i) Silver Jubilee volume of the Calcutta Mathematical Society.

ii) Golden Jubilee volume (Part I and II) of the Bulletin of the Calcutta Mathematical Society.

iii) Sir Asutosh Mukerjee Birth Centenary Commemoration volume of the Bulletin of the Calcutta Mathematical Society (1964).

iv) Proceedings of the Seminar on Scientific Contributions of Professor S. N. Bose (1973).

v) Diamond-cum-Platinum Jubilee Commemoration volume (1984).

vi) Research monograph of eminent Indian and Foreign mathematicians.

vii) Proceedings of the International Symposium on Recent Advances in Mathematics and its Applications - ISRAMA 2005.

Library : Over the years the library of the Society has attained the distinction of being one of the richest libraries in the country particularly in the field of Mathematics and Mathematical Sciences. Library has now more than 20,000 volumes of books and journals altogether. The Society has exchange relations with more than 100 different Universities, Institutions and Learned Societies allover the world under 'Journal Exchange programme'. Society now receives 120 foreign journals from USA, UK, Japan, Yugoslavia, China, Korea, France, Australia, Germany, Spain, Czechoslovia, Italy, Poland, Canada and 25 journals from different states of India. Library also maintains manuscripts and letters of Professor S.N .Bose, life history of Professor Bhibhuti Bhusan Dutta (later known Swami Vidyaranya). Several valuable papers of the eminent scientists of the World like Henry Poincare, W.H. Young, H.Lamb, G.H Hardy, W.Sierstinski, F.Riesz, A.R.Forsyth, D. Smith, M. Frechet, E.T.Whittaker, Meghnad Saha, C.V.Raman, S.Chandrasekhar, S.N.Bose, Ganesh Prasad and many others had been published in the Bulletin of the Calcutta Mathematical Society, which were bound and kept in the library.

Academic activities of the Calcutta Mathematical Society :

Seminar & Symposia : The Society organized National Seminar and International Symposium with the financial support from the Govt. of India and Govt. of West Bengal.

(A) National Seminar : The Society organised a National Seminar on 'Mathematics Education and Research in India' during 6-8 September, 2006 to celebrate its 99th Foundation day. More than one hundred Mathematicians and Physicists from different states of India participated in this Seminar.

(B) Symposium on Einsteinian Physics : Society organized an 'International Symposium on Recent Advances in Mathematics and its Applications' (ISRAMA2006) during 16-18 December, 2006. More than 200 scientists throughout the world participated in the seminar. The programme include invited lectures by eminent researchers as well as contributed papers. Professor Erik Trell (Linkoping Univ., Sweden) inaugurated ISRAMA 2006 and Professor M. R. Adhikari described the role of Calcutta Mathematical Society for promotion of Mathematics Education and Research. Professor Y.Shikata, J.K.Kim, B.Ishwar gave speech on this occasion. Prof. P. Muldowney, was the Chairman of this function. Renowned scientists namely Prof. N. Manickam (USA), Prof. T.Yamase (Japan), Prof. Y. Matsyuama (Japan), Prof. K. Kazuyoshi (Japan), Prof. N. Onoda (Japan), Prof. D.C. Tonyali (Turkey), Prof. Dr.J.K.Kim (Korea), Prof. A.Biswas (USA), Prof. B.Roy (ISI, Kolkata) to mention a few actively participated and gave lectures in the Seminar. Seminar provided an ideal forum for participating scientists to exchange ideas in the developments in different areas of Mathematics and their applications including medical sciences, information technology, cryptography, censor network, DNA secret shearing, physics, environmental science. ISRAMA-2006 is a significant landmark, in the life of many young participants who have attend the requisite level of knowledge. Indian participants specially young scientists had the opportunity to exchange ideas and for possible scientific collaboration with many Indian and foreign scientists in the recent developments in different areas of mathematics and their applications.

The meeting has held in fostering friendship among the scientists of the participating countries.

- **Special lectures:** Society organized special lectures throughout the year. One such lecture was delivered by Dr.Sitansu S. Mitra, Ph.D., Database Engineering (Reader Computer Sc. Corporation, USA) on 13.1.2007 at the hall of the Society. The topic was 'How secure is your information' ?

- Society organized weekly lectures by the renowned mathematicians for the benefit of the researcher and students.

- Different awards and scholarships from school level to research level were given during this period.

- Society organized different academic training programme throughout the year to motivate the students to higher education in mathematics and mathematical sciences.

Calcutta Mathematical Society is in the voyage to its centenary. Society lays out many new plans and programmes and has accepted the proposal for hosting the Asian Mathematical Congress 2008 during the centennial celebration of the Society, 2008- 2009.

10.12 INSTITUTE OF SCIENCE, EDUCATION AND CULTURE (ISEC)

ISEC House, 42-B, Syed Amir Ali Avenue
Kolkata - 700 017
Phone : 2280 1798
Fax : 9133-2247 4502,
E-mail : iseckol@vsnl.net

Science provides individual employment, gives economic gain to the society and generates political power to the nation. It is globally agreed that the prosperity of a nation depends on development of science and its acceptance by people. Therefore no nation can ignore the development of science within its boundary.

In this perspective, ISEC was established in 1980 by a team of renowned educationists in the fields of science, engineering, technology , medicine, education and environment from various universities, research centres and colleges of India.

Goal of ISEC

The Institute of Science, Education and Culture (ISEC) is a registered, independent and not-for-profit Society .It is a professional organization and has the status of a learned body. Its objectives, if brief, are development and diffusion of knowledge of science, science education and science-based culture in the Society .ISEC has crossed 25 years of service in propagating and diffusion of scientific knowledge in the country (1980-2005) by the activities of publication of science journal and books, organizing seminars, talks, exhibitions, etc. It helps and co-operates with other scientific bodies to work with ISEC for their development also.

Activities During April 2006 To March 2007

ISEC celebrated its Silver Jubilee Year by organizing various activities throughout the year (Nov 2005-Nov 2006). Activities (2006-07) in nutshell are as follows : -

Publication of "Indian Science Cruiser"

ISEC has been publishing the international standard journal : ***Indian Science Cruiser*** - five issues a year in January, March, May, August and November. The following five issues have been published : -

Indian Science Cruiser, Vol 20, No 2, May 2006

Indian Science Cruiser, Vol 20, No3, Aug 2006

Indian Science Cruiser, Vol 20, No 4, Nov 2006

Indian Science Cruiser, Vol 21, No 1, January 2007

Indian Science Cruiser, Vol 21, No 2, March 2007

Indian Science Cruiser is covered with the aspects of science, engineering, technology, medicine, education, environmental issues etc. Articles are written by the renowned authors throughout the country and also by the writers from overseas countries. Up-to-date information of the above fields are published in the sections like Articles, We hear from, Search & Survey, News Review, Book Review, Conference Report, Editorial. ISEC invites all to send their thought-provoking articles, news, conference reports etc for publishing in Indian Science Cruiser.

Seminars, Symposium

ISEC Silver Jubilee Year commenced on 29th November 2006 by organizing various activities like seminars, invited talks etc.

The following seminars were conducted by ISEC as a part of ISEC Silver Jubilee celebration this year :

1) ISEC Silver Jubilee Celebration Committee organized seminar on **History of Science** in collaboration with Corpus Research Institute, Kolkata on 10th June 2006 in the Jibanananda Sabhagriha of Bangla Akademi. Educationists like Prof Nripendra Nath Ganguly, former Director, BARC, Dr Bani Kumar Sarangi, Prof Chittabrata Palit, Prof Mahua Sarkar, from the History Department, Jadavpur University, Dr. Nupur Dasgupta, Artisan Technology Department, Jadavpur University, Dr. Tapan Ganguly, Director, Science City, Dr. Aparajita Basu, Secretary, Bangiya Bigyan Parishad addressed on this occasion.

2) Seminar on World Population was organized on the occasion of World Population Day on 11th July 2006 in the Jibanananda Sabhagriha in collaboration with Indian Science Congress Association (ISCA), Kolkata Chapter. Distinguished persons like Prof N C Datta, ISCA (Ex-

President of ISEC), Dr. Dilip Coomer Ghosh, Asiatic Society, Dr. Ranesh Poddar, National Union of Journalists, Dr. B. Roy, ISCA addressed in this seminar. Prof. R Srinivasan of NITTTR, Kolkata presented his paper on current scenario of population growth in India.

3) Symposium on **Medicinal Plants : Resource Developments And Utilization** was organized in the seminar hall of Chemistry Department of Bengal Engineering and Science University, Shibpur (BESU), Howrah in collaboration with BESU, Botanical Survey of India on 31st October 2006. Distinguished scientists like Prof. Dr. Gouri Pada Datta, Prof. N C Datta, Prof M M Biswas, Prof C R Lahiri, Prof Sujay Basu, Prof R C Talukdar, Prof. Anil Kumar Ghosh, Prof N C Ghosh -from ISEC, Prof S C Pakrashi, former Director, IICB, Kolkata, Prof S P Goswami, Dean, Faculty of Applied Sciences, BESU, Dr Tapas Ghosh, Bose Institute, Dr. P K Debnath, J B Ray, Ayurvedic College & Hospital, Dr G S Giri, Jt Director, Botanical Survey of India, Dr R K Sharma, Scientists, Emami Ltd, Prof. Jayati Datta, HOD, Chemistry Department, BESU, Dr B K Ghorai, Chemistry Department, BESU addressed on this occasion and nicely elaborated on utilization, conservation of medicinal plants as Ayurvedic drug as per ancient culture.

4) Seminar on **Science, Education and Culture** was organized on the 29th November 2006, on the occasion of ISEC's yearlong Silver Jubilee Concluding Ceremony in the Auditorium of Birla Industrial & Technological Museum (BITM), Kolkata in collaboration with BITM.

Hon'ble Justice Shyarnal Kumar Sen was the Chief Guest, Shri Nandagopal Bhattacharya, Hon'ble Minister of Water Investigation & Development, Govt of West Bengal, the Guest of Honour graced the occasion. Dr. N R Banerjea, President of ISEC and Vice-Chancellor, Bengal Engineering & Science University, Sibpur, Howrah delivered his welcome address. The following speakers presented their speeches in the seminar.

Dr. Debi Prosad Duari, Director, Birla Planetarium elaborated nicely with slides on **The Fantastic World Of Stars**, (2) Dr Jayanta Sthanapati, Director, BITM gave an outstanding deliberation on **Enhancing Public Understanding Of Science Through Science Museum** and (3) Shri Kanishka Sen, Illumination Expert showed the audience some interesting lighting design. Thereafter the concluding ceremony ended with some cultural events. Shri Tarun Das of BITM showed some magic under Science Magic Miracle.

Library

ISEC maintains its technical library with various books on science, technology, environment, education etc.

Acknowledgements

ISEC acknowledges the financial support of Department of Higher Education, Govt of West Bengal and also of Department of Science & Technology, Govt. of India, New Delhi for its activities.

10.13 INSTITUTE OF DEVELOPMENT STUDIES, KOLKATA

Calcutta University Alipore Campus,
1, Reformatory Street, 5th Floor,
Kolkata - 700 027
Ph. No. 2448-8178/2225, Fax : 2448-1364
E-mail : idsk1@vsnl.net / idsk@rediffmail.com

The Institute of Development Studies Kolkata (IDSK) has been promoted by the Government of West Bengal as an autonomous centre of excellence in social sciences. It was founded in 2002 as a society with an autonomous governing body, with one of the most eminent historians in India, Professor Irfan Habib as President, Professor Amiya Kumar Bagchi as Director and with a Governing Council on which are represented the Vice-Chancellors of two leading Universities in West Bengal, namely Calcutta University and Jadavpur University. The Governing Council also includes such eminent academics as Professor Nirmal Chandra, Professor Suranjan Das, Professor V.K. Ramachandran and Professor Malini Bhattacharya as its members.

Important Activities during 2006-2007 :

Some near-term projections

The UNDP (India) has recognized the IDSK as the nodal institution for Human Development Studies in the eastern region and authorised IDSK to conduct a certificate course in human development studies.

A new agreement has been signed with the Rosa Luxemburg Stiftung (RLS), Berlin for carrying out a research project on 'Women, work, education and disparities'. The project shall start from 1 April 2007.

A memorandum of Understanding (MOU) has been signed with the South Asia Institute (SAI), University of Heidelberg, Germany to promote a better understanding between the faculty and students of SAI and the faculty and students of IDSK. This MOU shall remain in force for three years.

II. Research Programmes :

A. The programme on 'Women and media in the context of globalisation' funded by the Rosa Luxemburg Stiftung (RLS)

The Institute of Development Studies Kolkata (IDSK) with the support of the RLS, has implemented a research project on 'Women and Media in the Context of Globalisation' in cooperation with four other centres — School of Women's Studies, Jadavpur University;

School of Women's Studies, Bhubaneswar, Utkal University; Women's Studies Research Centre, Gauhati University, and Saajhi Dunia, Lucknow.

The final report of the project, 'Women and Media in the Context of Globalisation' was completed and sent to Rosa Luxemburg Stiftung, Berlin, in November 2006. A final interactive session in which the partners participated as well and an exhibition of the materials prepared and produced (reports, posters, leaflets etc.) were held on December 8, 2006.

B. Documents on the economic history of British Rule in India 1858-1947

The Indian Council of Historical Research (ICHR) has appointed Professor Amiya Kumar Bagchi, General Editor of the project of compiling the basic documents on the economic history of India under British rule and Professor Arun Bandyopadhyay, Nurul Hasan Professor of History, Calcutta University, Associate Editor of the project. Under the revived project, Dr Bhubanesh Misra was appointed as Editor in charge of the further volumes of railway documents, working under the guidance of the General Editor. A forth volume of the railway documents has been prepared and will be soon sent to the ICHR. A volume of documents on the agrarian situation and living conditions in Bengal from 1860 to 1880 has been prepared.

C. The project on 'Monitoring of school level history textbooks'

The IDSK has undertaken a project on 'Monitoring of school level history textbooks of West Bengal' sponsored by the Ministry of Human Resource Development, Government of India. For this it has set up a (history textbook) monitoring cell. A report of the study has been submitted to CABE Committee on regulatory mechanisms for textbooks and parallel textbooks taught in the schools of West Bengal. Observations of the survey were incorporated in the main text of the CABE Committee. Evaluation of textbooks for class V prepared by West Bengal Primary Education Council has been done and the report has been submitted in July 2006. The analysis of history textbooks for classes IX and X prescribed by the West Bengal Board of Secondary Education has been completed and the final report will be submitted by June 2007.

D. Allocation and Utilisation of Resources for Social Sector Programmes in Purulia District (with special reference to programmes for women and children)

A study of the reasons for poor utilization of resources meant for social sector programmes in backward districts like Purulia in West Bengal has been carried out by a team of IDSK led by Professor Achin Chakraborty along with Dr. Subrata Mukherjee and Shri Subhanil Banerjee, with funding support by the UNICEF. The report analyses allocation and

utilisation of financial resources for the social sector in West Bengal, focusing on Purulia. Based on the findings of the study, a number of policy suggestions have been made. The final report has been submitted in February 2007

E. Possibilities of closer economic ties between India and Australia in capital goods industries in the WTO regime

The Institute has taken up a project on 'Possibilities of closer economic ties between India and Australia in capital goods industries in the WTO regime' sponsored by Macquarie University, Sydney, Australia. Dr. Uttam Bhattacharya of IDSK is coordinating the project along with other researchers in India. Dr. Pundarik Mukhopadhyay of Macquarie University and Dr. P.K. Basu from the Charles Stuart University are in charge of the project at the Australian end. Two interim reports already have been submitted to the Australian partner Institute.

F. Women's health and empowerment in ICDS – An exploratory study in West Bengal

This exploratory project, in collaboration with the National Commission for Women, is implemented by making field studies of ICDS and women's empowerment initiatives. Engaged in exploration of challenges and options for woman's health and empowerment, the study covers three districts in the state of West Bengal, namely, North 24 Parganas, Birbhum and Murshidabad. Dr. Krishna Soman is the coordinator of this project. The project is at the concluding phase.

G. The State Development Report

The Development and Planning Department, Government of West Bengal has approached the IDSK for preparing a State Development Report for West Bengal. The work on the project was started in January 2007 under the direction of Professor Debdas Banerjee. It is expected that the report will be ready by end-June 2007.

III Collaborations

Collaboration with the University of Calcutta

IDSK has launched a multidisciplinary M.Phil Programme in Development Studies, in collaboration with the Centre for Social Sciences and Humanities (CSSH), University of Calcutta in 2006. The M.Phil degree is to be conferred by the University of Calcutta. The teaching faculty mainly consists of the IDSK faculty and the University faculty associated with CSSH.

Collaboration with Sciences PO, Paris, France

IDSK and the Fondation Nationale des Sciences Politiques (Sciences Po), Paris have entered into a collaboration agreement. Under this agreement two students of Sciences Po had come as interns for attending the M.Phil Course in Development Studies for one semester. Sciences Po will arrange for a scholar to visit Sciences Po as holder of a Chaire Finances Internationales.

Collaboration with Maison des Sciences de l'Homme, Paris

IDSK and Maison des Sciences de l'Homme (MSH), Paris have entered into collaborative relations. IDSK faculty members have held fellowships at the MSH. In the academic year 2007-08, a collaborative Conference between the two institutions, on 'Utopia, Dystopia and Development', has been planned.

IV Teaching and Research Guidance

a. M.Phil in Development Studies

The M.Phil. Programme in Development Studies is multi-disciplinary in nature, and designed to provide an understanding of various perspectives on development issues, through a rigorous course work and guided research. The perspectives are drawn from different disciplines, with a strong emphasis on the classics in social sciences and humanities. The curriculum emphasizes a heterodox perspective on social science paradigms and the methodological underpinnings of social science research. The strength of the course particularly lies in the balance it maintains between theory and hands-on training on tools of analysis – both quantitative and qualitative.

The M.Phil course in Development Studies for the session 2006 –2008 in collaboration with the University of Calcutta has been commenced in July 2006. Eighteen students have been attending this course.

b. Research Guidance

At IDSK, four scholars are doing their Ph.D :-

- Shri Sankalpa Bhattacharjee on 'Problems and prospects of the software industry in West Bengal'.
- Ms. Nirmalamati Maisnam on 'Democratic decentralisation and rural development in Manipur'.
- Ms. Saheli Roychowdhury on 'Urban Bengali middle class response to globalisation-driven economic liberalisation and to neo-imperial designs'.

- Ms. Anusri Pal on 'The problems and prospects of jute industry in eastern India'. Professor Prasanta Ray is supervising the work of Saheli and Professor Prabhat Datta is supervising the work of Nirmalamati.

Professor Amiya Kumar Bagchi is supervising the Ph.D thesis of Panchanan Das whose topic is 'A comparative study of industrial growth in Gujarat and West Bengal'.

Professor Debdas Banerjee has supervised the Ph.D thesis of Shri Satyaki Roy of Calcutta University. The topic of research of Satyaki is 'Small manufacturing enterprises in West Bengal in a liberalized regime'.

Dr. Krishna Soman has supervised the M.Phil thesis of Sreerupa Sengupta of Jadavpur University. Her thesis is on 'Portrayal of women in HIV/AIDS campaign in West Bengal: A social analysis.

V Seminars and workshops

A. Training-cum- research workshops

a. Workshop on 'The role of workers' organizations in facilitating elementary education and primary health care'

On 1 July 2006, Pratichi (India) Trust and the Institute of Development Studies Kolkata organized an interactive session with workers' organizations in school teaching and public healthcare on 'The role of workers' organizations in facilitating elementary education and primary healthcare'. Professor Amartya Sen, and Professor Partha Dey, Honourable Minister of School Education, Government of West Bengal, and other experts on health care and education interacted with the representatives of various teachers' and healthcare workers' organizations. A report entitled *Manab Unnayaner Pothe: Prathamik Shiksha o Janaswasther Rupayane Kormi Sangathangulir Bhumika* (in Bangla) covering the main findings of this session has been published.

b. Workshop on 'Towards a better health care system in West Bengal: A public discussion'

On 12 February 2007, the Institute of Development Studies Kolkata (IDSK) in collaboration with Pratichi Trust (India) held a workshop on 'Towards a better health care system in West Bengal: A public discussion'. The workshop was inaugurated by Dr. Surjya Kanta Mishra, Honourable Minister of Health & Family Welfare, Panchayats & Rural Development, Government of West Bengal. Professor Amartya Sen

addressed the participants and held an interactive session with them. Professor Asim Dasgupta, Honourable Minister of Finance, Government of West Bengal was also among many other notable participants.

c. Calcutta Group Workshop

IDSK collaborated with Calcutta Group in holding its fifth workshop on 'Child Rights and Development' on 13 and 14 February,2007. The workshop was sponsored by Global Equity Initiative, Harvard University, Pratichi Trust (India) and UNICEF India. Among the participants there were Professor Amartya Sen, Sitaram Yachuri, M.P., Arjun Sengupta, M.P., N. Ram, Editor-in-Chief of the Hindu Group of Newspapers, Ms. Syeda hamed and Abhijit Sen of Planning Commission, Govt. of India, Professor Asim Dasgupta and Dr. Suryakanta Misra, Finance Minister and Health Minister respectively, Govt. of west Bengal and Professor Amiya Kumar Bagchi, Director, IDSK.

B. Lectures delivered by visiting scholars

- On 4 July 2006, Professor Yingyi Qian, Professor of Economics, University of California, Berkeley, USA delivered a lecture on 'Transformation in China since 1978'.
- On 17 July 2006, Professor Tanika Sarkar, Jawaharlal Nehru University, gave a seminar on 'Fire-eaters: Law and faith in early colonial Bengal'. The lecture was organized by the IDSK in collaboration with the Women's Studies Research Centre and Department of History, University of Calcutta.
- On 7 August 2006, Professor Abhijit Banerjee , Ford Foundation Professor of Economics, Massachusetts Institute of Technology, USA, gave a talk on 'Corruption and ethnic politics'.
- On 21 August 2006, Professor Sugata Bose, Gardiner Professor of History, Harvard University, delivered a lecture on 'Historical antecedents of contemporary globalization'.
- On 10 November 2006, Ms. Henrike Lott, Department of Political Science, South Asia Institute, University of Heidelberg University, Germany delivered a talk on 'Farmers' suicides in India : A challenge to governance and strategic reform'.
- On 20 December 2006, Professor Ranabir Chakravarty, Centre for Historical Studies, School of Social Sciences, Jawaharlal Nehru University, New Delhi gave a lecture on 'Blockading the Gulf of Eden: A Bishop's Blueprint (14th Century)'.

- On 12 January 2007, Professor Rada Ivekovic, Director, Collége International de Philosophie, Paris delivered a talk on 'Uprisings of the underprivileged: France 2003, 2005'.

- On 20 February 2007, Shri Jaideep Hardikar, an investigative journalist based in Nagpur, gave a talk on 'Politics of farmers' suicide in Vidarbha'. The talk was jointly organized by the Centre for Social Sciences and Humanities, University of Calcutta, Netaji Institute for Asian Studies and IDSK.

- On 23 February 2007, Dr. Jayasree Basu, Senior Economist and Senior Health Scientist Administrator, Centre for Primary Care, Prevention and Clinical Partnerships at the US Government Agency for Healthcare Research and Quality gave a lecture on 'Spatial analysis of access to primary care: An Overview of findings'.

VI Library

The Library, which began functioning from December 2002, already houses an impressive number of books, journals and magazines and primary documents focusing on various development research like Education, Public Health, Economics, Sociology , Political Sciences, Gender Studies, Human Sciences and Globalization. It has a total collection of 6255 (processed) books till 31 January 2007. The library also subscribes to 32 foreign and 27 Indian journals.

The Library has established network connections with DELNET, Prowess and is a member of Calcutta University's E-Journals under UGC INFONET Programme,Indiahealthstat.com, Oxford e-bundle journals in economics.

VII Publications

A. Publications of IDSK

a. Occasional Paper Series

No. 9 *Does financial development cause economic growth? The case of India* by Indrani Chakraborty, January 2007

b. Reports

Allocation and utilization of resources for social sector programmes for women and children, prepared by Achin Chakraborty, Subrata Mukherjee and Subhanil Banerjee and submitted to the UNICEF in February 2007

Final Report on *Women and media in the context of globalization*, prepared by Malini Bhattacharya and Subhoranjan Dasgupta and submitted to the Rosa Luxemburg Stiftung, Berlin, in November 2006.

(in Bangla) *Manab Unnayaner Pothe: Prathamik Shiksha o Janaswasther Rupayane Kormi Sangathangulir Bhumika*, 2006.

c. Books

- Amiya Kumar Bagchi and Gary Dymski (eds.) : *Capture and Exclude : developing economies and the poor in global finance*, New Delhi,Tulika (in an advanced stage of production).
- Debdas Banerjee and Michael Goldfield (eds.) : *Labour, Globalization and the State*, London, Routledge (forthcoming).
- *Rokeya Sakhawat Hossain, The Fruit of Freedom and Other Essays*, translated with a long critical introduction by Barnita Bagchi, Penguin-Zubaan series, due out in 2008.

10.14 INDIAN INSTITUTE OF SCIENCE EDUCATION & RESEARCH, KOLKATA (IISER-K)

Indian Institute of Science Education & Research, Kolkata has been established by the Government of India, Ministry of Human Resource Development, Department of Higher Education with the objective of imparting quality education and research in basic sciences at par with Indian Institute of Science, Bangalore and IIT's. IISER-Kolkata, a registered society and fully funded by the Government of India is poised to be an Institute of National importance. The foundation stone of IISER-Kolkata was laid by the Honourable Prime Minister Dr. Manmohan Singh on July 11,2006.

The permanent campus for IISER-Kolkata has been proposed at Haringhata, adjacent to Bidhan Chandra Krishi Viswa Vidyalaya, Kalyani on 201.65 acres of land in Mouja Haringhata Farm after, detailed survey and discussion with the officials of Higher Education, Animal Resource Development and Land & Land Reforms Departments of Government of West Bengal.

The central theme of IISER-Kolkata is to integrate education with research so that undergraduate and postgraduate teaching as well as doctoral and post- doctoral research works are carried out in symbiosis.

IISER-Kolkata has started functioning from Kolkata Campus of IIT , Kharagpur with effect from August 17, 2006. 38 (thirty eight) students got admitted in the First year of the 5-year Integrated Master of Science Programme through the extended merit list of IIT -JEE 2006. IISER, Kolkata will select one hundred students who qualify / have qualified in any of the IIT JEE-2007, Olympiad Examination 2007 & KVYP 2005 for admission in the first year in the academic session beginning in July, 2007. The IISER programme is fully residential and it provides every admitted student a fellowship of Rs.3,000/- (Rupees Three Thousand) per month.

Ph.D programme has started at IISER and four fellows (three are NET Qualified) have been doing doctoral research. More students are likely to join the Ph.D and post-doctoral research programme soon.

The Government of West Bengal has offered a piece of land measuring 201.65 acres in Mouja Haringhata Farm for the permanent Campus of the Institute. It is expected that the Campus will be functioning from July, 2009 at Haringhata.

APPENDICES

APPENDIX - I (A)	:	*Subject Code*
APPENDIX - I (B)	:	*Colleges and Subjects*
APPENDIX - I (C)	:	*Selected Educational Statistics (MHRD)*
APPENDIX – II	:	*Decadal Growth of Colleges Since 1811 (Excluding Technology Colleges)*
APPENDIX - III	:	*U. G. C. List of Fake Universities*
APPENDIX - IV	:	*U. G. C. List of Vocational Subjects*

APPENDIX – I (A)

SUBJECT CODE

SUBJECT	CODE
ELECTIVE LANGUAGE GROUP (L)	
Bengali	B
English	E
Sanskrit	S
Hindi	Hin
Nepali	N
Tibetan	T
Arabic	Ar
Urdu	Ur
Persian	Per
Alternative Bengali	Alt. Beng
Santali	Santali
French	Fr
Elective Bengali	E. Beng
Elective English	E. Eng
ELECTIVE SCIENCE GROUP (SC)	
Physics	Ph
Chemistry	Ch
Mathematics	M
Zoology	Zoo
Botany	Bot
Economics	Ec
Anthropology	Anthro
Statistics	Stat
Computer Science	Comp.Sc
Electronics	Elect
Geology	Geo
Geography	G
Plant Protection	Plt. Prot
Industrial Chemistry	Ind. Chem
Psychology	Psy
Physiology	Phy
Molecular Biology	M.Bio
Bio-Physics	Bio.Phy
Bio-Chemistry	Bio.Chem
Defence Studies	Def.Stud
Food Nutrition	Fd. & Nut
Genetics	Gene
Bio-Technology	Bi Tech.
Fishery	Fish

SUBJECT	CODE
ELECTIVE HUMANITIES GROUP (HU)	
History	H
Pol. Science	Ps
Philosophy	Phil
Education	Edn
Sociology	Soc
Music	Music
Film Studies	F. Stud
Journalism	Jour
Physical Education	Ph. Edn
Journalism & Mass Communication	Jour & Mass Comm
Environmental Study	Env Std
Human Right	H. Rgt
COMMERCE GROUP (COM)	
Accountancy	Ay
VOCATIONAL SUBJECTS (VOC)	
Functional English	F. Eng.
Functional Hindi	F. Hin.
Office Management & Secretarial Practice	OMSP
Tax Procedure & Practice	Tax. Prac
Communicative English	Comm. E
Clinical Nutrition & Dietics	Cl. Nut
Micro-Biology	Mi.Bio
Computer Education/Application	Comp. App
Sericulture	Ser
Tourism & Travel Management	TTM
Information Technology	I.Tech.
Communication/Instrument	Commu/Instru
Agro-Service	AG
Industrial Fish & Fisheries	IFF
Advertisement Sales Promotion & Sales Management	Ad. Sale
Seed Technology	Se. Tech
Archaeology and Museology	Arch.M
Environment & Water Management	Env. & W.Mgt.
Engineering	Engg
Human Development	H.Dev.
Electronic Equipment Maintenance	EEM
Mass Communication & Videography	Mass Comm & Video
Principal and Practice of Insurance	P & Pln
Business Management	BM
Business Organisation	BO
Environmental Science	EVS
Military Science	Milt. Sc.
Acqua Culture Mngt.	Aqua Cul. Mgt.

APPENDIX - I (B)

COLLEGES AND SUBJECTS

KOLKATA (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Acharyya Jagadish Chandra Bose College(1968) 1/1B, A.J.C.Bose Road, Kolkata-700 020 Ph. 2282-5181	B, E, Ps, Edn, Jour, Hin, Phil	B, E, Hin	Ph, Ch, Ec, M, Zoo, Bot, Phy, Stat, Comp. Sc	Ph, M, Ch	All Com. Sub	Ay	B.Ed	
2.	Acharya Girish Chandra Bose College (1964) 35, R. K. C. Sarani Kolkata-700 009 Ph. 2351-0304 2350-9210					All Com Sub	Ay		
3.	Ananda Mohan College(1961) 102/1,Raja Ram Mohan Sarani Kolkata-700 009 Ph. 2350-1565 2352-7327	B, E, S, Hin, H, Ps, Phil	B, E, Phil	Ph, Ec, Ch, M., Zoo, Bot, Phy G, Com. Sc.	Ph, M, Ch, Zoo, Ec, Phy,	All Com. Sub	Ay		
4.	Asutosh College (1916) 92, Shymaprasad Mukherjee Road Kolkata-700 026 Ph. 2455-4504/2371	B, E, S, Hin, H., Phil, Ps, Soc, Jour	B, E,S, H, Phil, Ps, Soc, Jour	Ph, M, G, Ps, Ch, Ec, Zoo,Bot Stat, Geo, Comp. Sc,	Ph, M, Ch, G, Ec, Zoo, Bot., Stat., Comp.			PG in Zoo. IFF. Video	2(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
				M.Bio, Psy, Bio-Ch. Mi.-Bio	Sc., M.Bio, Psy, Geo, Bio-Chem, Mi.-Bio				
5.	Bangabasi College (1887) 19, R. K. C. Sarani Kolkata-700 009 Ph. 2350-0273 2360-5995	B, E, S, Hin, Ps, Phil, H	B, E, S, H, Phil, Ps	Ph, M, G, Ch, Ec, Zoo, Bot, Comp Sc., Anthro Psy	Ph, M, Ch, G, Zoo, Ec, Bot, Anthro, Comp. Sc.	All Com. Sub	Ay		
6.	Bangabasi Morning College (1965) 19, R. K. C. Sarani Kolkata-700 009 Ph. 2350-9210	B, E, H, Hin, Ur, Phil, Ps.	B, E, Ps	Ec, Ph, Ch, M, Zoo, Ec, Bot, Comp. Sc. Anthro	M, Bot, Comp. Sc.	All Com Sub	Ay		
7.	Bangabasi Evening College (1964) 19, R. K. C. Sarani Kolkata-700 009 Ph. 2351-0304 2360-6180	B, E, S, Hin, S, H, Ps, Phil	B, E, H, Ps, Phil, S, Hin	Ph, Ch, M, Bot, Zoo, Ec, Anthro, Phy	M, Ec, Anthro, Phy	All Com Sub			
8.	Basanti Devi College (1959) 147-B, R. B. Avenue, Kolkata-700 029 Ph. 2404-1012 2463-0845	B, E, S, H, Phil, Ps, Edn Soc	B, E, S, H, Phil, Ps, Edn	Ec, Ph, Ch, M, Stat	Ec, M, Ph				

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Bethune College (1879) 181, Bidhan Sarani Kolkata-700 006 Ph. 2241-1731	B, E, S, Ps. Phil,H.	B,E,S,H, Ps,Phil	Ph, Ch, M, Zoo, Bot, Ec	Ph,Ec, Ch, M, Zoo, Bot,				
10.	Bhawanipur Education Society College (1966) 5, Lala Lajpat Rai Sarani, Kolkata-700 020 Ph. 2247-2275/5702/ 3281	B, E, Ur, Hin, H, Ps, Phil, Edn	E, H, Ps, Phil, Edn	Ph, Ch, M, Stat, Ec, Bot, Zoo, Elect, Comp Sc.	Ph, Ch, M,Ec, Zoo, Bot	All Com Sub	Ay	Comp Mgnt BBA BCA B.Sc. (Fashion Design)	
11.	Calcutta Girls' College (1964) 169,Lenin Sarani, Kolkata-700 013 Ph. 2450-0414	B, E, Ur, H, Hin, Ps, Edn, Ec	B, E, Hin, Ur, H, Ec, Edn, Ps	M		All Com Sub	Ay		
12.	Charuchandra College (1947) 22, Lake Road, Kolkata-700 029 Ph. 2466-3771	B, E, H, Ps, Hin, Phil, Jour, Stat	B, E, Ps, H	Ec, Ph, Ch, M, Zoo, Bot, Stat Com. Sc.	Ec, M, Ph, Ch, Zoo, Bot	All Com Sub	Ay	BBA	
13.	East Calcutta Girls' College, (1992) P-237, Block-B, Lake Town, Kolkata-700 089 Ph. 2534-8039	B, E, H, Ps, Phil, Edn, Jour, Soc	B, E, H, Ps, Phil, Soc, Edn	Ph, Ch, M, Bot, Zoo, G, Comp. Sc.	Zoo, Ec, G, Bot	All Com. Sub	Ay	BBA	
14.	Naba Ballygunge Mahavidyalaya (1985) 27E, Bosepukur Road Kolkata-700042 Ph. 2441-1710	B, E, H, Hin, Ec, Phil, Ps	B			All Com Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
15.	Chittaranjan College (1967) 8A, Beniatola Lane, Kolkata-700 009 Ph. 2241-4547/4570	B, E, H, Hin, Ps, Phil, Edn				All Com Sub	Ay		
16.	City College(1884) 102/1, Raja Rammohan Sarani, Kolkata-700 009 Ph. 2350-1565/6505	B, E, S, H, Ps, Phil.	B, E, S, H, Phil, Ps.	Ph, M, Ch, Ec, Zoo, Bot, Phy	Ph, M, Ch, Ec, Zoo, Bot, Phy.	All Com Sub	Ay		
17.	City College of Commerce (1961) 13, Surya Sen Street, Kolkata-700 012 Ph. 2241-1065					All Com Sub	Ay		
18.	Deshbandhu College for Girls 45/C, R. B. Avenue, Kolkata-700 026 Ph. 2464-0349 2463-8116	B, E, S, H, Phil, Ps, Edn.	B, E, H, Edn.	Ec, G, M.	G,	All Com Sub		BBA	
19.	Goenka College of Commerce (1860) 210, B.B. Ganguly St, Kolkata-700 012 Ph. 2241-2216					All Com Sub	Ay	PG in Com.	
20.	Gokhale Memorial Girls' College (1938) 1/1, Harish Mukherjee Road, Kolkata-700 020 Ph. 2223-8287 2223-2351	B, E, S, Hin, H, Phil, Ps, Edn.	B, E, H, Hin, Ps, Edn, Phil	G, M, Ec, Ph, Ch, Psy, Elect	G, Ec, M, Psy, Elect.			Ad. Sale Cl.Nut Comm. Eng,	

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
21.	Gurudas College (1956) Narkeldanga, Kolkata-700 054 Ph. 2350-3841 2353-6653	B, E, S, H, Ps, Phil, Soc	B, E, H, Ps	Ph, Ch, M, Zoo, Bot, Ec, Comp.Sc, Mi.Bio, Stat	Ph, M, Ch,Zoo, Bot,Ec, Mi,Bio, Comp.Sc, Bio-Ch	All Com Sub	Ay		
22.	Sir Gurudas Mahavidyalaya (1968) Murari Pukur (Ultadanga) Kolkata-700 067 Ph. 2356-1998	B, E, H, Ps, Edn	B, E			All Com. Sub	Ay	Tax Prac. Comp. App.	1
23.	Heramba Chandra College (1961) 23/49, Gariahat Road, Kolkata-700 029 Ph. 2469-3641	B, E, H, Ps, Edn	B, E, H, Ps, Edn	Ec, G, Bot, Phy	Ec, G	All Com. Sub	Ay		
24.	Harimohan Ghosh College(1963) J-206 & 208A, Paharpur Road, Garden Reach, Kolkata-700 024 Ph. 2469-3641	B, E, H, Ur, Ps, Edn	B, E, H, Ps	Ec, Ph, Ch, M, Bot, Phy, G	Ec, M, Phy	All Com. Sub	Ay		
25.	Jogmaya Devi College(1958) 92, S.P. Mukherjee Road, Kolkata-700 026 Ph. 2455-5242	B, E, S, H, Ps, Phil, Soc	B, E, S, H, Ps, Phil	Ph, Ch, M, Ec, G, Zoo, Geo, Bot,Stat Psy	Ph, Ch, M, Bot, Zoo, G, Ec, Geo, Psy	All Com. Sub	Ay	Comm. Eng	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
26.	Jogesh Chandra Chaudhuri College (1965) 30, Prince Anwar Shah Road, Kolkata-700 033 Ph. 2417-4622/3042	B, E, H, Hin, Ps, Phil, Edn, Soc	B, E, Hin, H, Ps, Edn, Phil	Ec, Ph, Ch, M, Comp Sc, G, Elect, Bot, Zoo, Phy	Ph, M, Ch, Ec, Comp Sc, Elect	All Com. Sub	Ay		
27.	Khudiram Bose Central College (1956) 77/2, Bidhan Sarani, Kolkata-700 006 Ph. 2555-2563	B, E, H, Hin, Ps, Edn, G, Jour	B, E, H, Edn			All Com. Sub	Ay		
28.	Kidderpore College (1966) 2 & 3, Pitambar Sarkar Lane, Kolkata-700 023 Ph. 2459-7790/7900	B, E, Ps, H, Per, Jour & Mass Comm. Hin, IHC, Phil, Edn	B, Ur, Hin, E, Ps, H, Phil, Edn	M, Ec	Ec	All Com. Sub	Ay		
29.	Loreto College (1912) 7, Middleton Row, Kolkata-700 071 Ph. 2229-6030 2246-3444	B, E, H, Hin, Ps, Edn, Fr, F. Stud Jour & Mass Comm.	E, H, Ps, Edn	G, Ec, Psy	G	All Com. Sub		Comm. Eng	1(G)
30.	Lady Brabourne College(1939) P1/2,Suhrawardy Ave, Kolkata-700 017 Ph. 2244-8120	B, E, S, Ur, Hin, Per, H,Ps, Phil, Soc	B, E, S, Ur, Per, H, Ps, Phil, Soc	Ph,Ch, M, Bot, Zoo, G, Ec	Ph,M, Ch,G, Bot, Ec, Zoo			PG in G	1(G)
31.	Maulana Azad College (1926) 8, R. A. Kidwai Road, Kolkata-700 013 Ph. 2244-3737	B, E, S, Ur, Ar, Per,H, Ps, Phil	B, E, S, Ur, Ar, Per, H, Ps, I.H.C.	Ph,Ch, M, Zoo, Stat, Ec, Mi.-Bio	Ph, Stat, Ch,M, Zoo,Ec, Mi.-Bio			Def. Stud, PG (Zoo)	1(B)

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
32.	Maharaja Manindra Chandra College (1941) 20, Ramkanto Bose Street, Kolkata-700 003 Ph. 2555-5565	B, E, H, Ps, Phil, Jour & Mass Comm, Hin, Ec	B, E, H, Ps, Phil, Jour, Ec	Ec, M, Ph, Ch, Stat, Elect, Comp.Sc, Bot, Zoo, Mi Bio	Ec, M, Ph, Ch, Comp. Sc.,	All Com. Sub	Ay	Comp. App.	
33.	Maharaja Sris Chandra College(1964) 20, Ramkanto Bose Street, Kolkata-700 003 Ph. 2543-2949	B, E, H, Hin, Ps, Edn, Ec	B, E, Hin, H, Ps, Ec	M		All Com. Sub	Ay	OMSP	
34.	Maharani Kashiswari College (1964) 20, Ramkanto Bose Street, Kolkata-700 003 Ph. 2555-6325 2530-2008	B, E, S, H, Ps, Phil, Edn, Soc	B, E, S, H, Ps, Phil, Edn, Soc	Ec, Stat, M, Ph, Comp. Sc, Fd & Nut	Ec, F & Nut, Comp. Sc.			TTM	1(G)
35.	Milli Al-Ameen College (2000) 43, Hare Krishna Konar Road, Kolkata-700 014 Ph. 2284-5637/4818	B, E, Ur, Ps, Edn, IHC, G, H	E, Ur, Ps			All Com. Sub			
36.	Muralidhar Girls' College (1940) P-411/14, Gariahat Road, Kolkata-700 029 Ph. 2464-1312/4371	B, E, S, H, Phil, Ps, Edn, Soc, Jour,	B, E, S, H, Phil, Ps, Edn, Jour, Phil,	M, Ec, G, Bot, Psy	Ec, G, Psy			TTM Alt. Eng.	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
37.	Netajinagar College (1967) 170/436, N.S.C.Bose Road,Regent Estate, Kolkata-700 092. Ph. 2411-5445	B, E, Ps, H, Jour	B, E, H, Jour,	G, Ec	G	All Com. Sub	Ay		
38.	Netajinagar Day College (1986) 170/436, N.S.C.Bose Road,Regent Estate, Kolkata-700 092 Ph. 2411 5301	B, E, Ps, H, Phil Edn	B, E, H, Ps	Ph, Ch, M, Bot, Zoo, Ec, Phy, G, Comp.Sc Elect	Ph,Ec, Ch,M, Bot,G, Comp. Sc. Zoo	All Com Sub	Ay		
39.	Netajinagar College for Women(1986) 170/13/1, N.S.C.Bose Road,Regent Estate, Kolkata-700 092 Ph. 2411-6711	B, E, H, Phil, Ps, Edn, Film, Std	Edn, H	Ph, M, Ch, Zoo, Bot, Ec, Phy	Zoo, Ec, Phy				
40.	New Alipore College (1963) L-Block,New Alipore Kolkata-700 053 Ph. 2478-0224 2445-2131	B,E,S,H, Phil, Ps. Edn	B,E,H,Ps, Phil	Ph, M, Ch,Zoo, Bot, Ec, Stat, Comp. Sc	Ph, M, Ch, Ec, Zoo, Bot	All Com. Sub	Ay		
41.	Presidency College (1817) 86/1, College Street, Kolkata-700 073 Ph. 2241-1960	B, E, H, Hin, Ps, Phil, Soc	B, E, Hin, H, Ps, Phil, Soc	Ph, Ch, M, Bot, Zoo, G, Phy, Ec, Stat, Geo	Ph, G, M, Ch, Bot, Ec, Zoo, Phy, Stat, Geo			M, Bio PG in Bot, G, Ph, Ch, Geo, Zoo, Phy, Appld. Ec, Hin	1(B) 1(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
42.	Prafulla Chandra College (1954) (Evening) 23/49, Gariahat Road, Kolkata-700 029 Ph. 2461-2689/1236 2440-6689	B, H, E, Ps	B, E, H, Ps	Ec, M, Geo	G	All Com. Sub	Ay	Fin. Mkt. Tax Prac. TTM	
43.	Rammohan College (1961) 102/1, Raja Rammohan Sarani, Kolkata-700 009 Ph. 2350-5687	B, E, S, Hin, H, Phil, Ps, Edn	B,E,S,H, Phil, Ps, Edn	G, Ch, M, Ph, Zoo, Ec, Bot, Phy,	G, Ch, M, Ph, Zoo, Ec, Bot, Phy,	All Com. Sub	Ay	Comm. Eng.	1(G)
44.	Rani Birla Girls' College (1961) 381, Shakespeare Sarani, Kolkata-700 017 Ph. 2283-5797	B, E, H, Hin, Ps, Phil, Edn, Soc	E, Ps, Edn, H. Soc	G, Ec	Ec				
45.	Sanskrit College (1824) 1, B. Chatterjee Street Kolkata-700 073 Ph. 2241-3611	B, E, S, Ling, H, Ps, Phil, Soc, Ec,	B,E,S,H, Ling, Ps, Phil, Soc,	Anthro	Anthro				
46.	Savitri Girls' College (1972) 13, Muktaram Babu St. Kolkata-700 077 Ph. 2269-4240 2273-8284	B, E, H, Hin, Ps, Phil, Ec, Edn, H.Devp	E, Hin, H, Edn			All Com. Sub	Ay	H. Dev. (H)	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
47.	Scottish Church College (1830) 1&3, Urquhart Square, Kolkata-700 006 Ph. 2350-3934	B, E, S, H, Ps, Phil, Soc, Hin, Ph, Edn	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, Stat, Comp. Sc., Mi.Bio	Ph, M, Ch,Ec, Zoo, Bot, Comp. Sc., Mi.Bio			Food Sc, & Q. Control	3(B) 2(G)
48.	Seth Anandaram Jaipuria College (1945) 10, Raja Nabakrishna St. Kolkata-700 005 Ph. 2555-4117/3647	B, E, H, Hin, Ps, Phil	B, E, Hin, H, Ps, Phil, Jour	M, Ph, Ch,Bot, Zoo,Ec, Comp. Sc., Elect, Psy, Stat, Nut, G	Ph, Ec, Ch, M, Psy, Stat, Nut, Comp. Sc., G	All Com. Sub	Ay	Funct Hin, OMSP Tax Prac	
49.	Seth Soorajmull Jalan Girls' College (1954) 8-9, Bankim Chatterjee Street, Kolkata-700 073 Ph. 2241-5256 2219-6947	B, E, H, Hin, Phil, Ps, Edn	E, Hin, Phil, Ps, H	G, Ec		All Com. Sub	Ay		
50.	Sivanath Sastri College (1955) 23/49, Gariahat Road, Kolkata-700 029 Ph. 2440-6689	B, E, S, H, Ps, Phil, Edn	B, E, S, H, Ps, Phil, Edn	Bot, Ec, G	G	All Com. Sub	Ay		
51.	South Calcutta Girls' College (1932) 72, Sarat Bose Road, Kolkata-700 025 Ph. 2475-3785 2454-2265	B, E, S, H, Phil, Ps, Jour, & Mass. Comm., Edn	B, E, H, Edn, Ps, Phil, Jour & Mass. Comm.	G, Ec, M, Zoo, Bot, Phy	G, Ec, Bot, Zoo				1(G)

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
52.	Shri Shikshayatan College (1955) 11, Lord Sinha Road, Kolkata-700 071 Ph. 2242-6033/7296	B, E, H, Hin, Ps, Edn, Phil, Ur	B, E, Hin, H, Edn, Ps, Jour & Mass. Comm.	Bot, M, G, Ec, Ph, Ch, Zoo, Stat	Ec, Bot, G, Comp. Sc.	All Com. Sub	Ay	B, Ed	
53.	St. Paul's Cathedral Mission College (1860), 33/1 Raja Ram Mohan Sarani, Kolkata-700 009 Ph. 2350-3682 2360-0753	B, E, H, Phil, Ps, Soc	B, E, H, Phil, Ps	Ph, M, Ch, Ec, Zoo, Mi.-Bio, G	Ch, M, Ph, Ec, Mi.-Bio				1(B)
54.	St. Xavier's College (1860) 30, Park Street Kolkata-700 016 Ph. 2247-5995/7278/ 9966	B, E, H, Hin, Ps, Soc, Film Stud, Jour	E, Ps, Soc	Ph, M, Ch, Stat, Ec, Mi.Bio Comp. Sc.	Ph, M, Ch, Ec, Stat, Comp. Sc. Mi-Bio	All Com. Sub	Ay	Mass Comm Video	2(B)
55.	Surendranath College(1884) 24/2 M. G. Road Kolkata-700 009 Ph. 2350- 2864 2354-3876	B, E, S, Hin, Ur, Phil, Ps, H, Soc, Jour & Mass Comm	B,E,S, Ps, Phil, H, Soc, Jour & Mass Comm	Ec, Ph, Ch, M, Phy, Zoo, Bot, Stat, Comp. Sc, M. Bio Mi-Bio	Ec,Ph, Ch, M, Bot,G, Zoo, Phy, Comp. Sc, Mi.Bio, Psy, Stat	All Com. Sub	Ay	BBA	
56.	Surendranath College for Women (1948) 24, M. G. Road Kolkata-700 009, Ph. 2350-2389	B, E, S, H, Phil, Ps, Edn	B, E, S, H, Phil, Ps, Edn	G, Ec,	G, Ec	All Com. Sub	Ay	Comm. Eng.	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
57.	Surendranath Evening College (1961) 24/2, M. G. Road, Kolkata-700 009, Ph. 2350-9011	B, E, S, H, Phil, Ps, Ur, Hin	B, E	Ph, M, Ch, Elect, Comp. Sc,Ec	Elect	All Com. Sub	Ay	EEM E.Eng. E.Hindi E.Urdu	
58.	Syamaprasad College (1916) 92, Shyamaprasad Mukherjee Road, Kolkata-700 026 Ph. 2455-1738/7671	B, E, S, Fr, H, Hin, Ps, Phil, Edn Music	B, E, Edn, Fr,	M, Ph., Geo, Ec, Stat, Comp Sc., Elect	G, Ec, Comp Sc, Elect	All Com. Sub	Ay	Comp App	
59.	Umesh Chandra College (1841) 13, Surya Sen Street, Kolkata-700 012 Ph. 2241-1065					All Com. Sub	Ay	OMSP	
60.	Victoria Institution College (1932) 78/B, A. P. C. Road, Kolkata-700 009 Ph. 2360-0046 2350-1959	B, E, S, Ur, H, Ps, Phil	B, E, S, H, Ps, Phil, Ur	Ph, Ch, M, Ec, G, Zoo, Bot	M, Ec, Zoo, G, Bot, Psy	All. Com. Sub	Ay		1(G)
61.	Vidyasagar College (1859) 39, Sankar Ghosh Lane, Kolkata-700 006 Ph. 2241-3018/4447	B, E, H, Hin, S, Ps, Phil	B, E, Ps, S, H, Phil	Ph, Ch, M,G, Ec, Zoo, Bot, Phy, Stat,	Ph, M, G, Ch, Zoo, Ec, Bot, Phy				

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
62.	Vidyasagar College for Women (1960) 39, Sankar Ghosh Lane, Kolkata-700 006 Ph. 2240-9505	B, E, S, H, Ps, Phil	B, E, S, Ps, Phil	M, Ph, Ch, Zoo, Bot, Ec, Geo, Phy, Elect	M, Ph, Ch, Ec, Zoo, Bot, Geo, Phy				
63.	Vidyasagar Evening College, (1961) 39, Sankar Ghosh Lane Kolkata-700 006 Ph. 2241-9508/9505	B, E, H, Hin, Ps, Soc	B, E, H, Ps	Ph, Ch, M, G, Stat	Ph, G, Ch, M	All Com. Sub	Ay		
64.	Vijaygarh Jyotish Roy College, (1950) 8/2, Bejoygarh, Kolkata-700 032 Ph. 2412-4082	B, E, H, Ps. Phil. Edn, Ph, Jour	B, E, H, Ps, Phil, Edn, Ph.Edn	Ph, Ch, Zoo, Ec, Bot, M, Mi.Bio Phy	Ph, Ch, Ec, Zoo, Bot, M, Mi.Bio	All Com. Sub	Ay		
65.	Women's Christian College (1945) 6, Greek Church Row, Kolkata-700 026 Ph. 2464-3341	B, E, S, H, Phil, Ps	B, E, S, H, Phil, Ps	G, Ec, M	G, Ec				1(G)
66.	Women's College P-29, Khirode Vidyavinode Avenue, Kolkata-700 003 Ph. 2554-4540	B, E, S, H, Phil, Ps, G, Edn, Ec, Music	B, E, S, H, Phil, Ps, Edn, Ec, G	M, Nut, Psy					
67.	Beharilal College of Home & Social Science, Alipore	Data not received							
68.	Tara Devi Harakchand College (2005) Cossipore, Kolkata	Data not received							

NORTH 24 PARGANAS (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Acharya Prafulla Chandra College (1960) P.O. New Barrackpore Pin-743 276 Ph. 2537 8797	B, E, S, H, Ps, Phil, Jour, Edn, Ph.Edn,	B,E,S,H, Ps, Phil, Jour	Ph, Ch, M, Ec, G, Zoo, Bot, Anthro, Comp. Sc., Elect, Mi.Bio, Fd&Nut	Ph,Ec, Ch, M, G, Comp Sc, Elect, Zoo, Bot, Mi.Bio, Anthro			Comm Eng, Ad. Sales H. Dev. PG in Mi-Bio	
2.	Acharya Prafulla Chandra College of Commerce (1966) P.O. New Barrackpore Pin-700 131 Ph. 2537-5311					All Com Sub	Ay		
3.	Banipur Mahila Mahavidyalaya (1999) Banipur (Habra) Pin-743 233 Ph. 953216-238243	B, E, H, Ps, Phil, Edn, Soc	B, Soc, Edn, Ps						
4.	Barasat Govt. College (1950) P.O. Barasat-700 124 Ph. 2552 3365 2562-5053	B,E,S,H, Ps, Phil, Edn	B,E,S,H, Ps, Phil, Edn	Ph, Ch, M, Ec, G, Zoo, Bot	Ph,Ch, M, Ec, G,Zoo, Bot			PG in Bot	1(B)
5.	Barasat College (1972) 1,Kalyani Road, Barasat, P.O. Nabapalli Pin-743 203 Ph. 2542 3656	B,E,H,G, Ps, Edn, Soc, Phil	B, H, Ps, Edn, Soc, Phil	Ec, G, Ph, Ch, M,Comp. Sc. Zoo, Bot, Ph, Ch	G	All Com Sub	Ay		
6.	Bidhannagar College (1984) BF-142, Bidhannagar Kolkata-700 091 Ph. 2337- 4761	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, Stat	Ph,Ch, M,Zoo, Bot,Ec, Stat, Mi-Bio			PG in Zoo & Mi-Bio	

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Barrackpore R. S. College (1953) 85, Middle Road & 6, Riverside Road, Barrackpore Pin-743 101 Ph. 2592-0603/8855 2594-5270	B, E, H, Ps, Phil, Edn, Jour & Mass. Comm, F, Stud	B, E, Hin, H, Phil, Ps, Edn, Jour & Mass Comm, Soc	Ph, Ch, M, Ec, Comp, Sc, Stat, Mi, Bio, Zoo	Ph, Ch, M, G, Ec, Elect, Comp. Sc, Mi-Bio, Psy F & Nut	All Com Sub	Ay	Fin. Mkt BBA Elect. Media PG in Mi-Bio	
8.	Basirhat College (1947) P.O. Basirhat- Pin-743 412 Ph. 953217-255-225	B, E, S, Ps, Phil, H, Edn, Soc	B, E, H, Ps, Phil	Ph, Ch, M. Ec, Bot, G, Zoo, Phy,	Ph, Ch, M, Ec, Bot, G, Zoo, Phy,	All Com. Sub	Ay		1(B)
9.	Bhairab Ganguly College (1968) 2, Feeder Road, Belghoria Kolkata-700 056 Ph. 2553-2280 2564-3191	B, E, S, Ur, Ps, Phil, H, Phy, Edn,	B, E, H, Phil, Ur	Ph, Ch, M, Bot, Zoo, Ec, Geo, Phy, G, Elect, Comp. Sc	Ph, M, Ch, G, Bot, Ec, Zoo, Elect, Comp.Sc	All Com. Sub	Ay	Ad.Sale El. Eng. & Bng.	
10.	Brahmananda Keshab Chandra College (1956) 111/2, B.T. Road Kolkata-700 035 Ph. 2577-2486	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ec, M, Ph, Ch, Bot, Zoo, Stat, M. Bio	M, Ph, Ch, Bot, Zoo, Ec			IFF	
11.	Prasanta Chandra Mahalanobis Mahavidyalaya (1965) 111/2, B. T. Road Kolkata-700 035 Ph. 2557-2479	Soc, Edn	Soc, Edn	M, G, Ec	G, Ec, M	All Com Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
12.	Chandraketugarh Sahidulah Smriti Mahavidyalaya (1997), P.O.Debalaya (Berachampa) Pin-743 429 Ph. 953216-242652	B, E, H, Ps, Phil, Edn, Soc	B, E, H, Phil			All Com Sub			
13.	Dinabandhu Mahavidyalaya (1947) P.O. Bongaon Pin-743 225 Ph. 953215-255044	B, E, S, H, Ps, Phil, Edn	B, E, Ps, H, Edn	Ph, Ch, M, Bot, Zoo, Anthro, Comp.Sc., Ec, G	Ph, M, Ec, Zoo, Anthro, Bot, Ch, G	All Com Sub	Ay	IFF	2(B)
14.	Derozio Memorial College (1996) Rajarhat Road, P.O. R-Gopalpur Pin -700 136 Ph. 2573-1040	B, E, H, Ps, Phil, Edn, Jour	B, E, Ps, H, Phil, Edn	Ph, Ch, M, Bot, Zoo,Ec, Comp. Sc., Elect, Anthro	M, Ec, Comp Sc,	All Com Sub			
15.	Dum Dum Motijheel College (1950) 1, Motijheel Avenue, Kolkata-700 074 Ph. 2551-2585	B, E, S, H, Ps, Phil, Edn, Jour & Mass Comm., Soc	B, E, H, Ps, Phil, S, Jour & Mass Comm	Comp. Sc, Ec, Ch, M, Ph,Zoo, Bot, G, Stat, Mi. Bio, M.Bio, Elect	Comp Sc,Ec, Ch, Ph,G, Zoo, Bot			INST Comm. Eng. Human Dev	1(B)
16.	Dum Dum Motijheel Rabindra Mahavidyalaya (1968) 208/B/2, Dum Dum Road, Kolkata-700 074 Ph. 2551 5921	E, B		G, Ec, M		All Com Sub	Ay		
17.	Gobardanga Hindu College (1947) P.O. Khantura Pin-743 252 Ph. 953216-249210	B,E,S,H, Ps, Phil, Edn	B,E,S,H, Ps, Edn, Phil	Ph, M, Ch, Ec,	Ph, M, Ch, Ec			TTM	1 (B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
18.	Hiralal Mazumder Memorial College for Woman (1959) Dakshineswar, Kolkata-700 035 Ph. 2564-5148/ 2553-2148	B,E,H,S, Ps, Phil, Edn, Soc, Jour	B,E,S,H, Ps, Phil, Soc,Edn Jour	Ph, Ch, M, Bot, Zoo, G, Ec, Psy	G, Ec, Zoo, Fd & Nut, Psy, Bot	All Com. Sub			
19.	Kanchrapara College (1972) P.O. Kanchrapara Pin-743 145 Ph. 2585-8790	B, E, S, Hin, Ps, Phil	B, E, Hin, Ps, H	Ph, Ch, M, Bot, Zoo, Ec, Comp. Sc	Ph, Ch, M, Ec, Zoo, Comp. Sc	All Com. Sub	Ay	M.A. in Hin	
20.	Kalinagar Mahavidyalaya (1985) Kalinagar, P.O. Kalinagarhat Pin- 743 442 Ph. 95321727-2067, 2552-5820	B, E, H, Ps, Phil, Edn, G	Edn, G						1 (B)
21.	Mahadevananda Mahavidyalaya (1968) Monirampore, Barrackpore Pin-700 120 Ph. 2592-0577 2593-0843	B, E, H, Hin, Phil, Edn, Ps, S, Jour	B, E, H, Phil,	Ec, Ph, M, Ch, Zoo, Bot, G, Elect, Comp. Sc., Phy	Ph, M, Ch, Ec	All Com. Sub	Ay	El, Eng & Ben	
22.	Morning Star College Barrackpore Pin-743 101 Ph. 2560-0577	E, H, Phil	H, Phil						
23.	Mrinalini Datta Mahavidyapith(1964) Vidyapith Road, Birati, Kolkata-700 051 Ph. 2539-3825 2513-9100	B,E,S,H, Ps, Phil, Edn,Soc, Jour & Mass. Com	B,E,H,S, Ps, Phil, Edn, Soc	Ph, Ch, M, Ec, G, Comp. Sc., Bot, Anthro, Zoo	Ec, G	All Com Sub	Ay	BBA (H) Ad.Sale	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
24.	Nahata Jogendranath Mondal Smriti Mahavidyalaya (1985) P.O. Nahata Pin-743 290 Ph. 953216-255886	B, E, H, Ps, Edn, G, D.Stud	B, E, H, Ps, Edn			All Com Sub	Ay BM		
25.	Netaji Satabarshiki Mahavidyalaya (2000) Ashokenagar, P.O. Haripur Pin-743 222 Ph. 953216-231438	B, E, H, Ps, Soc, G, Ph, Edn, Music	B, H, Music, Ps, G						
26.	P. N. Das College (1962) Santinagar, Palta P.O. Bengal Enamel Pin-743 122 Ph. 2592-1327	B, E, H, Ps, Phil, Ec, Hin, Edn, Ph. Edn	B, Ps, H, E	Env. Sc.		All Com Sub	Ay		
27.	Panihati Mahavidyalaya (1964) Barasat Road,Sodepur Pin-743 178 Ph. 2565-3778	B, E, H, Ps, Phil, Ec, Edn,	B, Ps, H, E	Ph, Ch, Ec, Bot, Zoo, M, Comp. Sc., G	G, Zoo	All Com Sub	Ay		
28.	Ramkrishna Mission Vivekananda Centenary College (1963) P.O. Rahara Ph. 2568-2049 2442-2049	B, E		Ph, Ch, M, Zoo, Bot,	Ph, M, Ch, Bot, Zoo			Ser.	1 (B)
29.	Ramkrishna Sarada Mission Vivekananda Vidyabhavan (1961) 33, Nayapatti Road, Dum Dum Kolkata-700 055 Ph. 2551-3452	B, E, S, H, Ps, Phil, Edn, Soc, Jour & Mass Comm., H. Rgt.	B, E, S, H, Ps, Phil, Edn	Ec, M	Ec				2 (G)

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
30.	Rishi Bankim Ch. College (1947) Kantalpara, Naihati Pin-743 165 Ph. 2581-2099 2587-2099	B, E, S, H, Ps, Phil	B, E, S, Hin, H, Ps, Phil	Ec, Ch, Ph, M, Zoo, Bot.	Ec, M, Ch, Ph, Zoo, Bot, Elect.	All Com Sub	Ay	BCA	
31.	Rishi Bankim Ch. College for Women (1984) Naihati Pin-743 165 Ph. 2581-1281/8375 2580-1905	B, E, S, H, Ps, Phil, Edn	B, E, H, Ps, Phil	Ph, Ch, M. Ec, Bot, G, Zoo,	Ch, G Zoo, Bot				
32.	Rishi Bankim Ch. Evening College (1984) Naihati Pin-743 165 Ph. 2581-1281	B, E, Ps, H, Phil, F. Stud, S, Hin	B, E	Ec, Ph, Ch, M, G	Ec, G,	All Com Sub	Ay		
33.	Sarojini Naidu College for Women (1956) 30, Jessore Road, Dum Dum Kolkata-700 028 Ph. 2559-2583	B, E, S, H, Phil, Ps	B, E, S, H, Phil, Ps	Ph, Ch, M, G, Bot, Ec, Zoo, M.Bio, Anthro	Ph, G, Ch, M, Bot, Zoo, Ec			Comp App, Comm Eng	1 (G)
34.	Sree Chaitanya College (1956) P.O. Habra Prafullanagar, Pin-743 268 Ph. 953216-237020/ 236767	B, E, Ps, S, H, Phil, Def.Styd	B, E, Ps, Phil, H	Ph, Ch, M, Bot, Zoo, Ec, Anthro, G, Elect	Ph, Ch, M, Bot, Zoo, Anthro, Ec, G				1 (B)
35.	Sree Chaitanya Mahavidyalaya (1965) P.O.Habra Prafullanagar, Pin-743 268 Ph. 953216-252086	E, B		Ec, G. Env. Sc.	Ec,	All Com Sub	Ay		1(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
36.	Shaheed Nurul Islam Mahavidyalaya (2001) Vill. Gokulpur,Harishpur P.O. Tentulia Pin-743 703 Ph. 953217-253923	B, E, H, Ps, Phil, Edn	H, Edn, B, E, Ps						
37.	Taki Govt. College (1950) P.O. Taki Pin-743 429 Ph. 9117-247226	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Ec, Zoo, Bot	Ch, Ec, Zoo, Bot				
38.	Vivekananda College (1987) P.O. East Udayrajpur, Madhyamgram Kolkata-700 129 Ph. 2538-7392 / 2555-6686	B, E, H, Ps, Phil, Edn, G	H, G, B, Edn, E			All Com Sub			
39.	College of Genetic Science & Engineering (2002), 30, Thakurhat Road Badu, Kolkata-700 128 Ph. (033) 2526-0051/ 52/53/60				Mi-Bio Bio Tec, Gene M. Bio				
40.	Dr. B. R. Ambedkar Satabarshiki Mahavidyalaya (2005) P.O. Helencha Colony P. O. Bagdah	B, E, Ps, H, Phil, S							
41.	Sarada Ma Girls College (2005) Baluria Nabapally, Barasat	Data not received							

SOUTH 24 PARGANAS (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Bankim Sardar College (1955) P.O. Tangrakhali Pin-743 329 Ph. 953218-255263	B, S, E, H, Ps, Phil	B, S, H, Ps	Ec, Ph, Ch, M, Bot, Zoo	Ph, Ch, Bot, Zoo	All Com. Sub	Ay		2 (B)
2.	Baruipur College (1981) P.O. Purandarpur Moth Pin-743 610 Ph. 2433-9566	B, E, H, Edn, Ps, Phil, Jour	B, E, H, Ps, Edn, Phil	G, M, Zoo, Bot, Phy	G	All Com Sub	Ay		
3.	Behala College (1963) Parnasree, Behala Kolkata-700 060 Ph. 2451-5354/6451	B, E, S, H, Ps, Phil, Jour	B, E, H, Ps, Phil	Ph, Ch, M, Zoo, Ec, Stat, Elect, Bot,Def. Stud., Comp. Sc.	Ch,M, Ph,Ec, Zoo			IFF	
4.	Budge Budge College (1971) 7, Deshbandhu Chittaranjan Road, Budge Budge-743 319 Ph. 2470-1454/5168	B, E, H, Ps, Phil, Edn	B, E, H, Ps, Edn, Phil	G, Bot, Ph, Ch, M, Ec, Zoo	G, Zoo, Bot.	All Com Sub	Ay		
5.	Bhangar Mahavidy-alaya (1997) P.O. + P.S. Bhangar Pin-743 502 Ph. 953218-270460	B, E, H, Ps, Phil, Edn	B, Ps, H	Ec, G, M	G	All Com Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Dhruba Chand Halder College (1965) P.O. Dakshin Barasat Pin-743 372 Ph. 953218-222550	B, E, S, H, Ps, Phil, Ph, Edn	B, E, H, Ps, Phil	G, Ec, Ph, M, Ch.Zoo, Bot, Mi.Bio, Comp. Sc.	G, M, Mi.Bio, Ec	All Com Sub	Ay		1 (B)
7.	Dinabandhu Andrews College, (1956) 54, S.C. Mallick Road P.O. Garia, Kolkata-700 084 Ph. 2430-4377	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ec, Ph. M, Ch, Zoo, Bot, Mol. Bio,G	Ec, M, Ph, Ch, Zoo, Bot, Mi.Bio	All Com Sub	Ay	PG in Zoo, Ch, BCA, BBA	
8.	Fakir Chand College (1948) P.O. F.C.College Diamond Harbour Pin- 743 331 Ph. 953174-255230	B, E, S, H, Ps, Phil, Edn, Ph.Edn	B, E, H, Ps, Phil, Edn	Ph, Ch, M, Ec, G, Zoo, Bot, Comp Sc	Ph, M, Ch, G, Ec	All Com Sub	Ay	B.Ed	
9.	Gour Mohan Sachin Mondal Maha-vidyalaya, (1969) P.O. Bireswarpur Ph. 953174-277355	B, E, S, H, Ps, Phil, Edn	B, E, H, Ps, Phil, Edn, G	Ph, Ch, M, G, Bot, Zoo	G	All Com Sub	Ay		1(B)
10.	K. K. Das College of Commerce (1964) P.O. Garia, Kolkata-700 084 Ph. 2530-5398 2430-5398	B, E, Soc, Edn	B, E	Ec, M, Stat	Ec, M	All Com Sub	Ay	E. Beng E. Eng	
11.	Kishore Bharati Bhagini Nivedita (Co.Ed.) College (2001) 148, Ramkrishna Sarani, Vivekananda Palli, Behala, Kolkata-700 060 Ph. 2404-0091	B, E, H, Ps, Phil, Edn	B, E, H, Ps, Phil, Edn	Ch, G, Phy, Zoo	G	All Com Sub	Ay		

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
12.	Magrahat College (1996) P.S. Magrahat Pin-743 335 Ph. 91745-22630	B, E, H, Ps, Edn, G	B, H, G, Edn						
13.	Maheshtala College (1971) P.O. Chandannagar (via-Maheshtala), Pin- 743 352 Ph. 2490-1502/8350	B, E, S, H, Ps, Phil, Edn, Jour & Mass Comm.	B, E, H, S, Ps, Phil, Edn	Ph, Ch, M, Ec, G, Bot, Comp Sc. Zoo	Ec, M, G, Ec	All Com Sub	Ay		
14.	Patharpratima Mahavidyalaya (2001), Patharpratima-743 371 Ph. 953210-267602	B, E ,H, Ps, Phil, Ec, Edn	B, E, H, Ps, Phil, G	M		All Com Sub	Ay		
15.	Robin Mukherjee College, (1967) Parnasree, Kolkata-700 060 Ph. 2578-5167					All Com Sub	Ay		
16.	Ramkrishna Mission Residential College (1960), P.O. Narendrapur, Kolkata-100 103 Ph. 2477-2201-05	B, E, S, H, Hin, Ps, Phil	E, H	Ph, M, Ch, Stat, Ec, Zoo, Elec	Ph, M, Ch, Ec, Stat, Comp. Sc				3(B)
17.	Raidighi College (1995) P.O. Raidighi, Pin- 743 383 Ph. 953174-270761	B, E, H, Edn, Ps	B, E, H, Edn	Ph, Ch, M, G	G, M				
18.	Sammilani Mahavidyalaya, (1996) Baghajatin Station E.M.By-Pass, Pin-700 075 Ph. 2462-6869/7656	B, E, S, H, Ps, Phil, Edn	B, E, H, S	Ph, Ch, M, Zoo, Comp. Sc., G, Mi.Bio, Mol.Bio	Mi. Bio, Comp. Sc.,G, Ph	All Com Sub	Ay	Comp App.	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
19.	Sonarpur Mahavidyalaya(1985) Sahid Biswanath Sarani, P.O. Rajpur Pin-700 149 Ph. 2434-1421	B, E, H, Ps, Phil, Edn	B, E, H, Phil	G, Zoo, Bot, Phy	G, Ch	All Com Sub	Ay		
20.	Sundarban Hazi Desarat College (1961) Vill + P.O. Pathankhali Pin-743 611 Ph. 953218-283038	B, E, H, Ps, Phil, Edn	B, H	Ec, Ph, Ch, M, Zoo, Bot, Anthro		All Com Sub	Ay		4 (B) 2 (G)
21.	Sundarban Mahavidyalaya (1965), P.O. Kakdwip Pin- 743 347 Ph. 953210-255057	B, E, H, Ps, Phil, Edn	B, E, H, Ps, Phil	Ph, Ch, M, Ec, G	Ph, Ec, Ch, M, G	All Com Sub	Ay		
22.	Sushil Kar College (1968) Ghoshpur, P.O. Champahati Pin- 743 330 Ph. 953212-86005	B, E, H, Ps, Phil, Edn, Def. Stud	B, E, H, Ps, Phil	Ec, M, G	Ec	All Com Sub	Ay Mkt.		
23.	Saheed Anurup Ch. Mahavidyalaya (1991) P.O. Burul, Pin-743 318 Ph. 2420-6131	B, E, H, Ps, Phil, Edn	B, H, Ps E			All Com Sub	Ay		
24.	Sagar Mahavidyalaya, (1998) P.O. Harinbari P.S. Sagar Pin-743 373 Ph. 953210-242882	B, H, Ps, Edn, G	B, H, G	Ph, Ch, M					

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
25.	Sarsuna College (1999), Sarsuna Upanagari Ho-Chi-Minh Sarani Kolkata-700 061 Ph. 2452-4104/3699	B, E, H, Ps, Edn, F. Stud	B, E, H, Ps, Edn	Ph, Ch, M, Zoo, Bot, G, Comp Sc., Mi-Bio, Ec, Elec	Ch, G, Comp. Sc., Mi-Bio, Ec, Bio. Chem		Ay	BBA & Elec. Med. E. Eng	
26.	Vidyanagar College, (1963) P.O. Charashyamdas Pin- 743 503 Ph. 2495-9218	B, E, H, Ps, Phil, Edn	B, Phil H, Ps, E	Ph, Ch, M, Zoo, Bot, Ec	M, Ec	All Com Sub	Ay	E. Eng	
27.	Vivekananda College, (1950) 269, D.H. Road Thakurpukur, Kolkata-700 063 Ph. 2497-0434/0024	B, E, S, H, Ps, Phil, Jour & Mass. Comm	B, E, S, H, Phil, Ps, Jour & Mass. Comm	M, Ec, Zoo, Ph, Bot, Ch, Elect, Stat, G, Comp. Sc.	Ph, Ec, Ch, M, Zoo, Bot, G	All Com Sub	Ay	Tax Prac.	
28.	Vivekananda College for Women (1961) Barisha, Kolkata-700 008 Ph. 2468-5031 2447-1575	B, E, S, H, Ps, Phil, Soc, Edn, Music	B, E, S, H, Ps, Phil	G, M, Ch, Ec, Zoo, Bot, Anthro, Psy, Ph	G, Ec, Anthro, M, Bot				
29.	Kultali Dr. B. R. Ambedkar College, (2005), Vill-II, No. Jalaberia, P.O. Jamtala P. S. Kultali, Pin-743 338	B, E, H, Edn, Soc, Ps	B, E, H, Edn, Soc, Ps	M, Bot, Zoo, Ch, Ph					
30.	Hingalganj Mahavidyalaya, (2005) P. O. Hingalganj	Data not received							

HOWRAH (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Azad Hind Fauz Smriti Mahavidyalaya (1986) P.O. Domjur Pin-711 405 Ph. 2670-0838	B, E, H, Ps, Edn, G	B, G, H, Edn			All Com. Sub			
2.	Bagnan College (1958) P.O. Bagnan Pin-711 303 Ph. 953214-272258	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Ec, Bot, Zoo	Ph, Ch, M, Ec	All Com. Sub	Ay		
3.	Bijoy Krishna Girls' College (1947) 5/3, M. G. Road Pin-711 101 Ph. 2660-2341 2650-8877	B, E, S, H, Hin, Phil, Ps, Edn, Soc, Music	B, E, S, H, Hin, Ps, Phil, Edn	Ec, Ph, Ch, M, G, Zoo, Psy, Bot, Mi.-Bio Stat	Ec, Ph, Ch, M, G, Psy, Mi.-Bio, Comp. Sc.	All Com. Sub	Ay	B. Ed	
4.	Gangadharpur Mahavidyalaya (1981) P.O. Gangadharpur Pin-711 302 Ph. 9114-251223	B, E, S, H, Ps, Phil, Edn,	B, H, Ps, Phil, Edn			All Com. Sub	Ay		
5.	Joypur Panchanan Roy College (1986) P.O. Joypur Fakirdas Pin-711 401 Ph. 953214-234130	B, E, H, Ps, Phil, Edn, Ph. Edn	B, E, H			All Com. Sub	Ay		
6.	Dr. Kanailal Bhattacharyya College (1985) P.O. Santragachi, Ramrajatala Pin-711 104 Ph. 2627-2490	B, E, H, Ps, Phil, Edn, G	B, H, Ps, Edn, E, Phil			All Com. Sub	Ay	BBA TTM Int. Dec & Beaut UGC (Voc)	1 (G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Lalbaba College (1964) 117, G.T. Road, P.O. Belur Math Pin-711 202 Ph. 2654-6289/9222	B, E, S, Hin, H, Ps, Phil, Edn	B, E, H, Ps, Phil	G, Ec, M, Ph, Ch	G, Ec	All Com. Sub	Ay		
8.	Narshinha Dutta College (1924) 129, Belilious Road, Howrah-711 101 Ph. 2643-8049	B, E, Ur, S, H, Ps, Phil, Edn	B, E, S, H, Ps, Phil, Edn	Ec, Ph, Ch, M, Bot, Zoo, Anthro, Comp. Sc. Stat	Ec, Ph, Ch, M, Bot, Zoo, Anthro, Comp. Sc.	All Com. Sub	Ay		
9.	Prabhu Jagatbandhu College, (1964) P.O. Jorhat Pin-711 302 Ph. 2669-0221	B, E, H, Ps, Phil, Ph, Edn	B, H, Phil, Ps	G, Ec, M, Ph, Ch, Elect, Comp. Sc	G, Ec, M, Ph	All Com. Sub	Ay	BBA	
10.	Purash Kanpur Haridas Nandi Mahavidyalaya (1966) P.O. Kanpur-711 410 Ph. 953214-250236	B, E, H, Ps	B, E, H, Ps,	G, Ph, Ch, M, Ec	Ec	All Com. Sub	Ay		
11.	Ramkrishna Mission Vidyamandir (1941) P.O. Belur Math Pin-711 202 Ph. 2654-9181	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ec, Ph, M, Ch, Comp. Sc	Ec, M, Ph, Ch,			Comp App, Ind. Chem	5 (B)
12.	Ramsaday College (1946) P.O. Amta Pin-711 401 Ph. 9114-26025	B, H, Ps	B, H, Ps, E	Ph, Ch, M, Ec, Bot, Zoo	Ph, Ec, Ch, M	All Com. Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	Shibpur Dinabandhu Institution (1948) 412/1,G.T. Road (S) Howrah-711 102 Ph. 2688-0496	B, E, S, Ur, Hin, H, Ps, Phil, Soc, Edn	B, E, H, Ps, Phil, Edn, S	Ph, M, Ch, Ec, Comp, Sc, Zoo, Bot, Stat	Ph,M, Ch, Ec, Comp Sc, Bot	All Com. Sub	Ay		
14.	Shyampur Siddheswari Mahavidyalaya (1964) P.O. Ajodhya Pin-711 312 Ph. 953214-261221	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Ec, Bot, Zoo, Phy	M, Ch, Zoo	All Com. Sub	Ay	E. Eng	
15.	Sovarani Memorial College (1971) P.O. Jagatballavpur Pin-711 408 Ph. 953214-255038	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Ec, Bot, Zoo	Ph, Ch, M, Ec	All Com. Sub	Ay	Elec. Eng	
16.	Uluberia College (1948) Uluberia Pin-711 315 Ph. 2661-0332	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec	Ph, Ec, Ch,M, Bot, Zoo,	All Com. Sub	Ay		
17.	Sree Agrasain College (2004) Howrah	Edn, Hin, H, Phil	Edn, Hin,	Elec, Comp. Sc.	Elec	All Com. Sub	Ay		
18.	Udaynarayanpur Madhabilata Mahavidyalaya (2006) P.O. Udaynarayanpur (Jangalpara) Pin -712 226 Ph. 03214-210178	B, E, G, H, Phil							

HOOGHLY (CU, BU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Aghore Kamini Prakash Chandra Mahavidyalaya (1959) Vill. Subhasnagar P.O. Bengai Pin-712 611 Ph. 953211-246235	B, E, S, H, Ps, Phil, Ph, Edn	B, E, S, H, Ps	Ph, M, Ch, Ec, G	Ph, M, Ch	All Com Sub	Ay		2 (B) 1 (G)
2.	Arambag Girls' College (1995) P.O. Arambag Pin-712 601 Ph. 953211-255960	B, E, H, Ps, Soc, G	B, E, H, Ps, Soc						
3.	Balagarh Bijoy Krishna Mahavidyalaya (1985) P.O. Balagarh Pin-712 501 Ph. 953213-260288	B, E, H, Ps	B, H	M, Ec, Ch, Ph, G	M	All Com Sub	Ay		
4.	Bijoy Narayan Dutta Smriti Mahavidyalaya (1950) P.O. Itachuna Pin-712 147 Ph. 9113-66275	B, E, S, H, Ps, Phil, Ph, Edn, Stat	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec	Ph, Ec, Ch, M, Zoo, Bot	All Com. Sub			
5.	Bidhan Chandra College (1957) 31,G.T.Road (East) P.O. Rishra Pin-712 248 Ph. 2672-6784/1812	B, E, S, Ps, H, Phil, Edn,	B, E, Ps, H, Phil, Edn	Ph, M, Elect, Ec, G Env. Std, Comp. Sc.	Ec, M, G	All Com Sub	Ay	OMSP	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6..	Chandernagore Govt. College (1891) P.O. Chandernagore Pin-712 136 Ph. 2683-5290	B, E, S, Fr, H, Ps, Phil	B, E, Fr, H, Ps, Phil	Ph, Ch, M, G, Bot, Ec Zoo,	Ph, Ec, Ch, M, G, Bot, Zoo,	All Com Sub	Ay	PG in G	
7.	Hooghly Mohsin College (1836) P. O. Chinsurah Pin-712 101 Ph. 2680-2252	B, E, S, Ur, Ar, Per, H, Ps, Phil	B, E, S, Ur, Ar, Per, H, Ps, Phil	Ph, Ch, M, Ec, G, Bot, Ec, Zoo, Phy, Elect	Ph, M, Ch, G, Ec, Bot, Zoo, Phy, Elect	All Com Sub	Ay	PG in Ps, Phy Comm	
8.	Hooghly Women's College (1949) Pupulpati P.O. Hooghly Pin-712 103 Ph. 2680-2335	B, E, S, H, Ps, Phil, Music	B, E, S, H, Phil, Ps	Ph, Ch, M, Ec, G, Bot, Zoo	Ph, G, Ch, Ec, Mi-Bio, G				1 (G)
9.	Kabi Sukanta Mahavidyalaya (1986) P.O. Angus Bhadreswar Pin-712 221 Ph. 2633-6184	B, E, H, Soc, Ec, S	B, E	Comp. Sc, Stat	G	All Com Sub	Ay		
10.	Khalisani Mahavidyalaya (1970) P.O. Khalisani Pin- 712 138 Ph. 2682-5530	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil, S	G, Ec, M, Ph, Ch, Comp. Sc	M, G, Ec	All Com Sub	Ay		

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
11.	Nabagram Hiralal Paul College (1957) P.O. Nabagram Pin-712 246 Ph. 2673-0007/5161	B, E, S, H, Ps, Phil, Edn	B, E, H, Phil, Ps	Ec, Ph, M, Ch	Ec, Ph, M, Ch	All Com Sub	Ay		
12.	Netaji Mahavidyalaya (1948) Arambag Pin-712 601 Ph. 953211-255012	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, G, Plant Protect	Ph, G, Ch, M, Zoo, Ec, Bot	All Com Sub	Ay	Comm Eng., OMSP	1 (B) 1 (G)
13.	Rabindra Mahavidyalaya (1971) P.O. Champadanga Pin-712 401 Ph. 9112-255104	B, E, S, H, Ps, Phil, Ph. Edn	B, E, H, S, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, G, Stat Mi-Bio	Ph, Ch, Zoo, Ec, Bot, M.Bio	All Com Sub	Ay	Def. Stud	
14.	Raja Peary Mohan College(1881) Uttarpara Pin-712 258 Ph. 2663-4155	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, Phy, Comp.Sc, Mi.Bio	Ph, Ec, Ch, M, Zoo, Bot, Phy, Mi.Bio	All Com Sub	Ay		
15.	Raja Rammohan Roy Mahavidyalaya (1964) P.O. Namgulpara, Radhanagar Pin-712 406 Ph. 9532111-266221	B, E, S, H, Ps, Phil, Ph, Edn,	B, E, H, Ps	Ph, Ch, M, Zoo, Env. Stud, Comp. Sc	Ph, Ch, M, Zoo, Bot,	All Com Sub	Ay		
16.	Sarat Centenary College (1976) P.O. Dhaniakhali, Pin-712 302 Ph. 9113-255282	B, E, S, H, Ps, Phil	B, E, H, Ps,	Ph, Ch, M, Zoo, Bot, G	M, Ec	All Com Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
17.	Serampore College (1818) Serampore Pin-712 202 Ph. 2662-2322	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, Phy, Stat	Ph,M, Ch, Ec, Zoo, Bot, Phy,	All Com Sub	Ay	Comm. Eng	
18.	Serampore Girls College (1981) 13,T.C.Goswami Street, Serampore Pin-712 201 Ph. 2662-3723	B, E, S, Ps, H, Phil, Edn	B, E, S, Ps, H, Phil, Edn	Ph, Ch, M, Bot, Comp. Sc., G, Elect., Zoo	G, Comp. Sc				
19.	Sree Gopal Banerjee College (1958) Vill.Bagati, P.O. Magra Pin-712 148 Ph. 2684-6244/2706	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ec, Ch, M, Ph, Zoo, Bot,Plt, Prot	Ph, Ch, M, Zoo, Bot,	All Com Sub	Ay	Tax. Prac	1 (B) 1 (G)
20.	Sri Ramkrishna Sarada Vidyamahapith (1959) P.O. Kamarpukur Pin-712 612 Ph. 953211-244224	B, E, S, H, Ps, Phil	B, E, S, H, Phil, Ps	Ph, Ch, M, Ec,	Ph, M, Ch, Ec				1(B) 1(G)
21.	Swami Niswam Bala Nanda Girls' College (1978) 87,B.P.M.B Sarani P.O. Bhadrakali Pin-712 232 Ph. 2663-0270	B, E, S, H, Ps, Phil, Edn, Ec	E, B, H, Phil, Edn			All Com. Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
22.	Tarakeswar Degree College(1986) P.O. Tarakeswar Pin-712 410 Ph. 953212-279398 / 276269	B, E, H, Soc, Ps, Phil, Ec, S	B, E, H, Soc, G			All Com. Sub	Ay		
23.	Vivekananda Mahavidyalaya (1966) P.O. Haripal Pin-712 405 Ph. 9112-242235	B, E, S, H, Ps, Phil, Ph. Edn, Edn	B, E, H, Ps, Phil	Ph, Ch, M, Ec, Elect, Comp Sc, G, Zoo, Bot	M, G, Ec, Comp. Sc	All Com. Sub	Ay		
24.	Vidyasagar Mahavidyalaya (1998) Vill.-Suchia P.O. Mosat Pin-712 701 Ph. 953212-266887	B, E, H, Ps, Edn, Phil	B			All Com. Sub	Ay		
25.	Polba Mahavidyalaya (2005) Village & P.O. Polba, Hooghly	B, E, Ps, H, Phil, S							

BURDWAN (BU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Asansol Girls' College (1956) P.O. Asansol Pin-713 304 Ph. 95341-2254098	B, E, S, H, Ps, Phil, Hin	B, E, S, H, Ps, Phil	Ph, Ch, M, G, Bot, Ec, Zoo, Comp.Sc	Ch, G, Bot, Ec, M, Zoo, Comp. Sc., Ph, Nut	All Com Sub			2(G)
2.	Banwarilal Bhalotia College (1944) Ushagram P.O. Asansol Pin-713 303 Ph. 95341-2202842 / 2206529	B, E, Hin, Ur, H, Ps, Phil, S	B, E, Hin, H, Phil, Ps	Ph, M, Ch, Zoo, Bot, Ec, Elect, Stat, G	Ph, M, Ch, Ec, Zoo, Bot, Comp. Sc., G	All Com Sub	Ay	Env. & W. Bsc(IT) BCA, BBA, PG in Ph.	1(B)
3.	Bidhan Chandra College (1961) P.O. Asansol Pin-713 304 Ph. 95341-202520	B, E, S, Ur, Hin, H, Ps, Phil	B, E, Hin, H, Ps	Ec, Ph, M, Ch, Bot, Zoo	Ec, M, Ph, Ch	All Com Sub	Ay		
4.	Burdwan Raj College (1881) Aftab House Pin-713 104 Ph. 95342-257843 2565841	B, E, S, H, Ps, Phil, Hin, Soc	B, E, S, H, Ps, Phil, Soc	Ec, Ph, Ch, M, Zoo, Bot, Stat, Elect.	Ec, Ph, Ch, M, Zoo, Bot	All Com Sub	Ay	IFF BBA	2(B)
5.	Chandrapur College (1985) P.O. Chandrapur, Katwa Pin-713 145 Ph. 95342-2752122	B, E, H, Phil, Ps	B, H, E	G, Ec, M	G	All Com Sub	Ay		

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Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Deshbandhu Mahavidyalaya (1973) P.O. Chittaranjan, Pin-713 331 Ph. 95341-2525449	B, E, S, Ps, Hin H, Phil	B, E, H, Ps, Hin	Ec, M, Ph, Ch, G	Ec, M	All Com Sub	Ay		
7.	Durgapur Govt. College (1970) Durgapur Pin-713 214 Ph. 95343-2500535/ 2546038	B, E, S, H, Ps, Phil, Ec, Ph. Edn	B, E, S, H, Ps, Phil, Ec	Ph, Ch, M, Bot, Zoo, Elect, Geo, Ec, Ph.Edn	Ph, M, Ch, Ec, Geo, Bot, Zoo	All Com Sub	Ay	PG in Geo	Nil
8.	Durgapur Women's College (1980) Durgapur Pin-713 209 Ph. 95343-2562852	B, E, S, H, Phil, Ps	B, E, H, Ps	Ec, Ph, M, Ch, Elect	Ch, M				
9.	Dr. Gour Mohan Roy College (1986) P.O. Monteswar Pin-713 145 Ph. 95342-275548	B, E, H, Phil, Ps, Ec	B, E, H, Ps, S	Ec		All Com Sub	Ay		
10.	Dr. Bhupendranath Dutta Smriti Mahavidyalaya (1996) P.O. Hatgobindapur Pin-713 407 Ph. 95342-2584616	B, E, H, Ps, Phil, S, Ph. Edn	B, E, H, Ps	G, Ph, M, Ch, Bot, Zoo	M, G, Nut	All Com Sub	Ay		
11.	Guskara Mahavidyalaya (1965) P.O. Guskara Pin-713 128 Ph. 953452-255105	B, E, H, S, Phil, Ps, Ph. Edn	B, E, S, H, Phil, Ps	G, Ec, Ph, M, Ch, Zoo, Bot, Elect.	Ph, M, Ch, G, Zoo, Bot,	All Com Sub	Ay		1(B) 1(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
12.	Kazi Nazrul Islam Mahavidyalaya (1982) P.O.Churulia Pin-713 368 Ph. 953465-52202	B, E, Hin, H, Phil, Ps, G				All Com Sub	Ay		
13.	Kalna College (1943) P.O.Kalna Pin-713 409 Ph. 953454-255032 / 255861	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, G	Ph, M, Ch, Bot, Zoo, Ec	All Com Sub	Ay	B.Ed	1(B)
14.	Katwa College (1948) P.O. Katwa Pin-713 130 Ph. 953453-255049 / 255050 / 255164	B, E, S, H, Phil, Ps	B, E, H, Phil, Ps	Ec, Ph, M, Ch, Zoo, G, Bot, Phy, Elect	Ec, M, Ph, Zoo, Ch, Bot, Phy	All Com Sub	Ay		1(B) 1(G)
15.	Khandra College (1982), P.O. Khandra Dt. Burdwan Ph. 95341-2665245	B, E, S, H, Hin Ps, Phil, Ec	B, E, S, H, Hin, Ps, Phil, Ec, G			All Com Sub			
16.	Kulti College (1986) P.O. Kulti Pin-713 343 Ph. 95341-2515711	B, E, Hin, H, Ps	B, H, Hin	Ec, Ch, Zoo, Bot, Mi-Bio	Mi-Bio	All Com Sub	Ay		
17.	Kandra Radha Kanto Kundu Mahavidyalaya (2001) Vill + P.O. Kandra, Pin-713 129 Ph. 953453-273372	B, E, H, Ps, Ec, G, Ph. Edn	B, H, G, E						
18.	Mankar College (1987) P.O. Mankar Pin-713 144 Ph. 95343-2517269	B, E, Hin, H, Ps, Phil,	B, E, H, Ps	Ph, M, G, Ec, Comp Sc.	G, Comp Sc.	All Com Sub	Ay	Comp. App. BCA	

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
19.	Memari College (1981) Memari Hatpukur P.O. Memari Pin-713 146 Ph. 95342-2250589	B, E, H, Ps, Phil, Ph, Edn, S	B, E, H, Ps, Phil	G, Ec, Ph, M, Ch, Stat, Comp.Sc	G, Ec	All Com Sub	Ay		
20.	Michael Madhusudan Memorial College (1996) Kabi Guru Sarani, City Centre Durgapur Pin-713 216 Ph. 95343-2566700	B, E, H, Ps, Phil	B, E, H, Phil	G, M, Ph, Comp. Sc., Ec, Elec., Ch, Zoo	G, Comp. Sc, Mi-Bio	All Com Sub	Ay	BBA BSc. (I.T)	
21.	M.U.C.Women's College (1955) B. C. Road, Pin-713 104 Ph. 95342-2533168 / 2531900	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, G, Ec, Stat, Mi. Bio	Ph, M, Zoo, Ch, G, Bot, Ec, Stat, Mi.Bio				
22.	Raniganj Girls' College (1980) P.O.Raniganj Pin-713 347 Ph. 95343-2445280 / 2444069	B, E, S, Hin, H, Ps, Phil	B, E, H, Ps, Phil, Hin	Ec, Ph, Ch, M, Zoo, Bot	M, Ph, Zoo, Bot, Ec	All Com Sub			
23.	Syamsundar College (1948) P.O. Syamsundar Pin-713 424 Ph. 95431-80226	B, E, S, H, Ps, Phil	B, E, S, H, Ps	Ph, Ch, M, Bot, Zoo, G, Ec, Comp. Sc	Ph, M, Ch, Bot, Zoo, Mi.Bio	All Com Sub	Ay	Seed Tech	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
24.	Trivenidevi Bhalotia College (1957) P.O. Raniganj Pin-713 347 Ph. 95341-2444780/ 2444275	B, E, S, Ur, Hin, H, Ps, Phil	B, E, Ur, Hin, H, Ps, S	G, Geo, Ph, M, Ch, Zoo, Bot, Ec, Phy, Stat, Elect., Comp. Sc.	G, Ec, Geo, Ph, M, Ch, Zoo, Bot, Stat, Elect, Phy	All Com Sub	Ay	Ser	1(B)
25.	Vivekananda Mahavidyalaya (1964) P.O. Burdwan Pin-713 103 Ph. 95342-2565521 / 2565208	B, E, S, H, Ps, Phil	B, E, H, Ps,	G, Ec, Ph, M, Ch, Zoo, Bot, Stat	G, Ec, Ph, M, Ch, Zoo, Bot, Mi-Bio, Nut			Biologi Techni	
26.	Durgapore College of Commerce and Science, (2003) Durgapore					All Com Sub			
27.	Pandaveswar College, (2005) P.O. Pandaveswar Burdwan	E, B, Hin, H, Ur, Ps, Soc, Edn	E, B						

PURULIA (BU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Achhruram Memorial College (1975) Vill + P.O. Jhalda Pin-723 202 Ph. 953254-255255	B, E, S, Hin, H, Ps, Phil	B, E, H, Phil	Ph, Ch, M, Zoo, Bot	Ph, M, Ch, Zoo, Bot, Ec				
2.	Balarampur College (1985) P.O. Rangadih Pin-723 143 Ph. 953252-280217	B, E, Hin, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, G, Zoo, Bot	M, G	All Com Sub	Ay BO		1(B)
3.	J.K. College (1948) P.O. Ketika Pin-723 101 Ph. 953252-222416 / 228744	B, E, S, Hin, H, Ps, Phil	B, E, H, S, Ps, Phil	Ec, Ph, M, Ch, Zoo, Bot, Geo, Comp. Sc, Stat, G	Ec, Ph, M, Ch, Zoo, Bot, G, Comp. Sc., Mi-Bio	All Com Sub	Ay	PG in M	2(B)
4.	Kashipur Michael Madhusudan Mahavidyalaya (2000) Kashipur, P.O. Panchokotraj Pin-723 132 Ph. 953251-246556	B, E, H, G, Soc, Ec	B, G, Soc, Phil	Ch, Zoo, Bot					
5.	Mahatma Gandhi College (1981) Lalpur, P.O. Daldali Dt. Purulia Ph. 953252-240251	B, E, S, H, Ps, Phil, Ec	B, E, H, Ps	Ch, Zoo, Bot		All Com Sub	Ay		1(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Manbhum Mahavidyalaya(1986) P.O. Manbazar Pin-723 131 Ph. 953253-255632	B, E, H, Ps, Ph. Edn	B, E, H Santali	Ec, Ph, M, G, Comp. Sc	Ec, Comp. Sc	All Com Sub	Ay		1(B)
7.	Netaji Subhas Asram Mahavidyalaya (1985) P.O. Suisa Pin-723 212 Ph. 953254-244150	B, E, Hin, H, Phil, G, Ps	B						1(B)
8.	Nistarini College (1957) P.O. Deshbandhu Road Pin-723 101 Ph. 953252- 222064	B, E, S, H, Hin, Ps, Phil, Music	B, E, H, Ps, Phil	G, Ph, M, Ch, Zoo, Bot, Comp. Sc.	G, Ch, M, Bot, Ph, Zoo, Nut				2(G)
9.	Panchkot Mahavidyalaya (2000) Sarbari More P.O. Nituria Pin-723 121 Ph. 953251-255512	B, E, Hin, H, Ps, G, Env	B, E, H, G			All Com Sub	Ay		
10.	Raghunathpur College (1961) P.O. Raghunathpur Pin-723 133 Ph. 953251-255235	B, E, S, H, Ps, Phil	B, E, H	Ec, Ph, M, Ch, Zoo, Bot	Ec, M, Ph, Ch	All Com Sub	Ay		2(B)
11.	Ramananda Centenary College (1971) P.O. Laulara Pin-723 151 Ph. 953253-259521 / 259217	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, G, M, Ec,Zoo, Bot, Comp. Sc.	Ch, Ph, Ec				1(G) 1(B)
12.	Barabazar Bikram Tudu Memorial College (2006) P.O. Barabhum-723 127 Dt. Purulia Ph. 03253-258251/ 258389	B, E, S, H, Ps							

BANKURA (BU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Bankura Zilla Saradamani Mahila Mahavidyapith (1973) Nutanchati Road P.O. Bankura Pin-722 101 Ph. 953242-251194	B, E, S, H, Ps, Phil, G	B, E, S, Ps, H, Phil, G, Ec, M						1(G)
2.	Bankura Christian College (1903) P.O. Bankura Pin-722 101 Ph. 953242-250924 / 259724 / 251121	B, E, S, H, Ps, Phil,	B, E, S, H, Ps,, Phil, Soc	Ph, Ch, M, Bot, Ec, Zoo, G, Phy	Ph,Ch, M, Ec, Bot, Zoo, Elect, G	All Com Sub	Ay	PG in Eng.	4(B) 1(G)
3.	Bankura Sammilani College (1948) P.O. Kenduadihi Pin-722 101 Ph. 953242-250741	B, E, H, Ps,	B, E, H, Ps	Ch, M, Zoo, Bot, Ph, Mi.Bio, Comp. Sc.	Ch, M, Zoo, Bot, Ph	All Com. Sub	Ay		3(B) 1(G)
4.	Barjora College (1985) P.O. Barjora Pin-722 202 Ph. 953241-257309	B, E, H, Ps, Phil, Ec, G, S	B, E, H, Ps						
5.	Chatra Ramai Pandit Mahavidyalaya (2000) P.O. Darapur Pin-722 141 Ph. 953244-250640	B, E, H, G, Ph, Edn	B, G, S			All Com Sub			
6.	Gobinda Prasad Mahavidyalaya (1985) P.O. Amarkanan Pin-722 133 Ph. 953241-265266	B, E, H, Phil, Ps	B, E, H	Ec, M					

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Jamini Roy College (1986) Vill + P.O. Beliatore Pin-722 203 Ph. 953241-225926	B, E, H, Ps, Phil, Ec	B, H, E						
8.	Khatra Adibasi Mahavidyalaya (1979) P.O. Khatra Pin-722 140 Ph. 953243-255261	B, E, S, H, Phil, Ps, Ec, Ph.Edn	B, H, S	Ph, Ch, M		All Com Sub	Ay		2(B)
9.	Panchmura Mahavidyalaya (1965) P.O. Panchmura Pin-722 156 Ph. 953243-268227	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil, S	Ph, Ch, M, Ec	Ec	All Com Sub	Ay		3(B)
10.	Pandit Raghunath Murmu Smriti Mahavidyalaya (1986) Vill- Baragari P.O. Jamboni Pin-722 150 Ph. 953243-268211	B, E, H, Ps, Phil Ec, G, S	B, H, G, E, Ps, Santali						
11.	Ramananda College (1945) P.O. Bishnupur Pin-722 122 Ph. 953244-252059	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Phy, Ec, Comp. Sc	Ph, M, Ch, G, Zoo, Bot, Ec, Phy, Nut	All Com Sub	Ay		3(B) 1(G)

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
12.	Saldiha College (1966) P.O. Saldiha Pin-722 173 Ph. 953242-262224	B, E, S, H, Ps, G	B, E, S, H, Ps	Ec, Ph, M, Ch, Zoo, Bot, Phy	Ec, M, Ph, Ch, Zoo	All Com Sub			3(B) 1(G)
13.	Saltora Netaji Centenary College (2001) P.O. Saltora Pin-722 158 Ph. 953241-273456	B, E, S, H, Phil, Ps	B, S, H						
14.	Sonamukhi College (1966) P.O. Sonamukhi Pin-722 207 Ph. 953244-275251	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil, S	Ec, Ph, M, Ch, Zoo, Bot	Zoo, Bot, M, Ec	All Com Sub	Ay		1(B)
15.	Patrasayer Mahavidyalaya (2005) Bankura	Data not received							

BIRBHUM (BU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Abhedananda Mahavidyalaya (1965) P.O. Sainthia Pin-731 234 Ph. 953462-262292	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, Elect	Ph, M, Ch, Ec, Zoo G	All Com Sub	Ay	BBA	1(B)
2	Birbhum Mahavidyalaya (1979) P.O. Suri Pin-731 101 Ph. 953462-255653 / 253398	B, E, H, S, Ps, Phil, Soc, G	B, E, Ps, G, Phil, S						
3.	Bolpur College (1950) Bolpur Pin-731 120 Ph. 953463-252290	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, G, Comp. Sc.	Ph, Ch, M, Zoo, Bot, Ec	All Com Sub	Ay	Ser., Rural Handi Crafts	1(B) 1(G)
4.	Chandidas Mahavidyalaya (1972) P.O. Khujutiapara Pin-731 215 Ph. 953463-246233	B, E, S, H, Ps, Phil	B, E, H	Ph, Ch, Bot, M, Zoo, Ec, G	M	All Com Sub	Ay		
5.	Hiralal Bhakat College (1986) P.O. Nalhati Pin-731 220 Ph. 953465-255254	B, E, H, Ps, Phil, G, Ec	B, H, Ps, E			All Com Sub	Ay		
6.	Kabi Nazrul College (1985) Vill+P.O. Murarai Pin-731 219 Ph. 953465-252202	B, E, H, Ps, Phil	B, H	Ch, Zoo, Bot		All Com Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Krishna Chandra College (1897) P.O. Hetampur Pin-731 124 Ph. 953462-270236	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, G	M, Ph, Ch, Ec, Bot, Zoo	All Com Sub			2(B)
8.	Rampurhat College (1950) P.O. Rampurhat Pin-731 224 Ph. 953461-255018	B, E, S, H, Ps, Phil	B, E, S, H, Ps	Ph, Ch, M, Zoo, Bot, Ec, Elect, G	Ph, M, Ch, Bot, Zoo, Ec	All Com Sub	Ay		
9.	Sambhu Nath College (1963) P.O. Labpur Pin-731 204 Ph. 953463-266225	B, E, S, H, Ps, Phil	B, E, S, H, Ps,	Ph, Ch, M, Zoo, Bot, Ec, G	Ph, M, Ch	All Com Sub	Ay		
10.	Suri Vidyasagar College (1942) P.O. Suri Pin-731 101 Ph. 953462-255504 / 257054	B, E, S, H, Ps, Phil, Soc	B, E, S, H, Ps, Phil,	Ph, M, Ch, Zoo, Bot, Phy, Stat, Ec, Comp. Sc, Mi.Bio, Elect, Plt.Prot	Ph, M, Ch, Zoo, Bot, Phy, Ec, Mi.Bio	All Com Sub	Ay		1(B)
11.	Sailajananda Falgooni Smriti Mahavidyalaya (1998) P.O. Khayrasole Pin-731 125 Ph. 953462-240306	B, E, H, Ps, Phil, G, S	B, H, Phil						
12.	Purni Devi Chowdhury Girls' College (2006)	Data not received							
13.	Indus Mahavidyalaya (2006) P. O. Indus	B. E, H, Ps		Ph, M, Ch, Zoo, Bot, Comp.Sc. EVS					
14.	Turku Hansda-Lapsa Hemram Mahavidyalaya (2006) Madian, Managerpara, P.O. Ganpur, Mallarpur Pin-731216 Ph. 03461-262500								

NADIA (KU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Dr. B. R. Ambedkar College (1973) P.O. Betai Pin-741 163 Ph. 953471-254207	B, E, H, Phil, Ps, Ph. Edn, Ec, G	B, H, Ec, E, Phil, Ps, G	M		All Com Sub	Ay		
2.	Bethuadahari College (1986) P.O. Bethuadahari Pin-741 126 Ph. 953474-255401	B, E, Ps, H, Phil, Soc	H, B, Ps, G			All Com Sub	Ay		
3.	Chakdaha College (1972) P.O. Chakdaha Pin-741 222 Ph. 9173-242268	B, E, S, H, Phil, Ps	B, E, H, Ps	Ph, M, Ch, Zoo, Bot, Ec, Stat, G	M, Ph, Ch, Zoo, Bot, Ec	All Com Sub	Ay	Ad Sale, BBM BCA	1(B)
4.	Chapra Bangaljahi Mahavidyalaya (2001) P.O. Bangaljahi Pin-741 123	B, E, H, Ps, Ph. Edn	B, G, H						
5.	Dwijendralal College (1968) P.O.Krishnanagar Pin-741 101 Ph. 953472-252240	B, H, Ps, Phil, G		Elec.		All Com Sub	Ay	Elect. Beng.	
6.	Haringhata Mahavidyalaya (1986) P.O. Subarnapur Pin-741 249 Ph. 953473-233318	B, E, H, Ps, Ec, G	B, E, H, G, Edn	Ph, M, Ch, Env.Sc., Stat		All Com Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Kalyani Mahavidyalaya (1999) B.T.College Campus Pin-741 235 Ph. 2582-1390	B, E, H, Ps, Soc, Edn, Ph. Edn.	B, E, H, Soc, Edn	Ec, M, Stat, G, Comp. Sc, Bot, Ch, Ph, Phy	Ec, G, Comp. Sc, M, Mi-Bio, Bio-Tech	All Com Sub	Ay		
8.	Karimpur Pannadevi College (1968) P.O. Karimpur Pin-741 152 Ph. 953471-255158	B, E, H, Ps, Phil	B, E, H, Ps, Phil, Soc	Ph, Ch, M, G, Zoo, Bot	Ph, M, Ch, G, Ec	All Com Sub	Ay		
9.	Krishnagar Govt. College (1846) P.O. Krishnanagar Pin-741 101 Ph. 953472-252863	B, E, S, H, Ps, Phil	B, E, S, Phil, H, Ps	Ph, Ch, M, G, Ec, Zoo, Bot, Phy, Stat	Ec, Ph, Ch, M, Zoo, Phy, G			PG in Phil, G	2(B)
10.	Krishnagar Women's College (1958) P.O.Krishnanagar Pin-741 101 Ph. 953472-252355	B, E, S, H, Phil, Ps	B, E, S, Phil, H, Ps	Ph, M, Ch, Ec, Ec, G, Bot, Zoo	Ec, G, Ph				2(G)
11.	Nabadwip Vidyasagar College (1942), P.O. Nabadwip Pin-741 302 Ph. 953472-240009	B, E, S, H, Ps, Phil	B, E, S, H, Ps	Ph, Ch, M, Ec, Bot, Zoo,	Ch, M, Zoo, Bot	All Com Sub	Ay		1(B)
12.	Ranaghat College (1950) Old Baharampur Road Ranaghat Pin-741 201 Ph. 9173-255111	B, E, S, H, Ps, Phil, Ec	B, E, S, H, Ps	Ph, M, Ch, G, Zoo, Bot	Ph, M, Ch, Zoo, Bot, G	All Com Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	Santipur College (1948), P.O. Santipur Pin-741 404 Ph. 953472-278028	B, E, S, Ps, H, Phil, Envs	B, H, E	Ph, Ch, M, Ec, Bot, Zoo, Comp.Sc.	Ph, M	All Com Sub	Ay	Comp. App	1(B)
14.	Srikrishna College (1950), P.O. Bagula Pin-741 502 Ph. 953473-272205	B, E, H, Ps, Phil, Ph. Edn	B, E, H, Ps	Ph, Ch, M, Ec, Comp. Sc., G		All Com Sub	Ay	B.C.A.	1(B)
15.	Sudhirranjan Lahiri Mahavidyalaya (1966) P.O. Majdia Pin-741 507 Ph. 953472-276206	B, E, H, Ps, Phil, Ec, Soc, Psy, Def.Stud, Ph. Edn	B, H, Phil, Ps, Psy, E, Ec, Soc, G			All Com Sub			

MURSHIDABAD (KU)

1.	Berhampur Girls' College (1946) P.O. Berhampur Pin-742 101 Ph. 953482-251193	B, E, S, H, Ps, Phil, Soc	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, Phy	Ph, Ec, Ch, Phy, Zoo, M			F.Eng Seri, TTM	2(G)
2.	Berhampur College (1963) P.O. Berhampur Pin-742 101 Ph. 953482-252545	B, E, H, Ps, Phil, Ec, S	B, E, H, Ps, Phil	Ec, G, M, Stat	Ec, M	All Com Sub	Ay	F.Stud	
3.	Dukhulal Nibaran Chandra College (1967) P.O. Aurangabad Pin -742 201 Ph. 953485 262477	B, E, H, Ps, Phil	B, Ps, Phil, H	Ec, Ph, Ch, M		All Com Sub	Ay		1(B)

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
4.	Dumkal College (1999) P.O. Dumkal Pin-742 303 Ph. 95348-230770/ 230040	B, E, H, Ps	B, E, H	Ph, Ch, M, G, Comp. Sc, Ec	Ph, M, Ch, G, Comp. Sc, Elec	All Com Sub	Ay		
5.	Jangipur College (1950) P.O. Jangipur Pin-742 213 Ph. 953482-264226	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ph, M, Ch, Zoo, Bot, Ec, G	Ph, M, Ch, Bot, Zoo, G	All Com Sub	Ay		1(B)
6.	Jatindra Rajendra Mahavidyalaya (1986) P.O. Amtala Pin-742121 Ph. 953482-247244	B, E, H, Ps, Phil	B, H						
7.	Kandi Raj College (1950) P.O. Kandi Pin -742 137 Ph. 953484-255230	B, E, S, H, Phil, Ps, P. Edn	B, E, H, Phil, Ps S	G, Ph, Ch, M, Comp. Sc, Zoo, Bot, Ec, Phy, Elec	Ph, M, Ch, Ec, Phy, G				1(B)
8.	Krishnanath College (1853) P.O. Berhampore Pin-742 101 Ph. 953482 252069	B, E, S, H, Phil, Ps	B, E, S, H, Phil, Ps	Ph, M, Ch, G, Zoo, Ec, Bot, Phy	Ph, M, Ch, G, Zoo, Bot, Phy, Ec, Comp. Sc, Stat			TTMV SRTV PG in S, Seri, Phy	3(B) 1(G)
9.	Murshidabad Adarsha Mahavidyalaya (1981) P.O. Chak Islampur Pin-742 304 Ph. 953481-236327	B, E, H, Ps, Phil	B, H, Phil, Ps						

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
10.	Muzaffar Ahmed Mahavidyalaya (1986) P.O. Salar Pin-742 401 Ph. 953484-273305	B, E, H, Ps, Phil, Edn, G	B, H, G, E						
11.	Nagar College (1998) Vill + P.O. Nagar Pin-742 159 Ph. 953484-279076	B, E, H, Ps, Phil	B, Ps, Phil	M, Ec, Ch, Ph					
12.	Panchthupi Haripada Gouribala College (1996) P.O. Panchthupi Pin-742 161	B, E, Ps, H, Phil		Ec					
13.	Raja Birendra Chandra College (1965) P.O. Kandi Pin-742 137 Ph. 953484-255379	B, E, Edn, Phil, G, S, Ps, H, Ec, Ph. Edn	B			All Com Sub	Ay		
14.	Rani Dhanya Kumari College (1962) P.O. Jiaganj Pin-742 123 Ph. 953483-255330	B, E, H, Ps, Ph. Edn	B, E, Soc			All Com Sub	Ay	Def. Stud	
15.	Sewnarayan Rameswar Fatepuria College (1965) P.O. Beldanga Pin-742 133 Ph. 953482-264040	B, E, H, Ps, Phil	B, H, Ps, Phil, E	Ec, Ph, Ch, M, G	G	All Com Sub	Ay		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
16.	Sripat Singh College (1950) P.O. Jiaganj Dt. Murshidabad Ph. 953482-250351	B, E, S, Ps, Phil, H	B, H, Ps, Phil, S	Ph, Ch, M, Ec, Bot, Zoo, Mi-Bio, Comp Sc., Bio-tech	Ph, M, Ch, Bot, Zoo, M-Bio, Bio-Tech, G				
17.	Syed Nurul Hasan College (1994) P.O. Farakka Barrage Pin-742 212 Ph. 953485-253817	B, E, H, Ec, Edn, Soc, Ps	B, Soc, H	M, G	G				
18.	Subhas Chandra Bose Centenary College (1998) Lalbagh, P.O. Murshidabad Pin-742 149 Ph. 953482 270643	B, E, Ur, H, Ps, Phil, Edn, G, S	B, E, G, Edn						
19.	Lalgola General Degree College (2005) Krishnapur, P.O. Lalgola	B, E, H, Edn, Phil, Ps							

PURBA MIDNAPORE (VU)

1.	Bajkul Miloni Mahavidyalaya (1964) P.O. Kismat Bajkul Pin-721 655 Ph. 953220-274291/ 274460	B, E, S, H, Ps, Phil, Ph. Edn, Soc, Music	B, E, H, Ps, Phil, S	Ph, Ch, M, Bot, Zoo,G, Phy, Ec	Ph, G, Ch, M, Bot, Zoo, Ec			Auto-mobile	1(G)
2.	Egra Sarada Sashibhusan College (1968) P.O. Egra Pin-721 429 Ph. 953220-244073	B, E, S, H, Phil, Ps	B, E, H, Ps, S, Phil	Ch, G, Zoo, M, Bot, Ph	M	All Com Sub	Ay	OM & SP	1(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Haldia Govt. College (1988) P.O. Debhog, Haldia Pin-721 657 Ph.953224-255578 / 252044	B, E, Edn, Soc, P. Edn	B, E, Edn, Soc, P. Edn	Ph, Ch, M, Ec, Anthro, Stat, G	Ch, M, Ec, G, Anthro, Stat,				1(B) 1(G)
4.	Khejuri College (1999) P.O. Baratala Pin-721 432 Ph.953220-280235	B, E, Edn, Soc, H, S, Ps, Music, Ph. Edn	B, Soc, E	G	G			AG	
5.	Mahisadal Raj College (1946) P.O. Mahisadal Pin-721 628 Ph. 953224-240220	B, E, S, H, Ps, Phil, Soc	B, E, S, H, Ps, Phil, Soc	Ph, Ch, M, Ec, Bot, Zoo, Comp.Sc, G	Ph, M, Ch, Ec, Zoo, G	All Com Sub	Ay	Ind. Chem	1(B) 1(G)
6.	Mahisadal Girls' College (1969) P.O. Mahisadal Pin-721 628 Ph.953228-277520 / 240520	B, E, S, H, Phil, Ps, Edn, Soc, G, Music, Ph. Edn	B, E, H, Ps, Phil, Edn, Soc, G, S, Music	Ch, M, Comp. Sc., Nut, Anthro	Anthro, Nut				1(G)
7.	Moyna College (1972) P.O. Moyna Pin-721 629 Ph. 953228-260247	B, E, S, H, Ps, Phil	B, E, S, H	Ch, Bot		All Com Sub		AG	
8.	Mugberia Gangadhar Mahavidyalaya (1964) P.O. Bhupatinagar Pin-721 425 Ph. 953220-270236	B, E, S, H, Ps, Phil, P. Edn, Music	B, E, H, Ps, Phil, S	Ph, Ch, M, Ec, Bot, Nut	Ec, M, Ch	All Com Sub	Ay	Tax Prac B.P. Ed	1 (B) 1 (G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Panskura Banamali College (1960) P.O. Panskura R. S. Pin-721 152 Ph. 953228-252222	B, E, S, H, Ps, Phil, Ph. Edn, Edn, G, Music, Santali	B, E, H, Ps, Edn, Music, Santali	Ph, Ch, M, Zoo, Bot, Ec, Phy, G, Comp. Sc., Elect, Mi.Bio, Bio. Tech	Ph, M, Ch, G, Zoo, Bot, Phy, Comp. Sc., Elect, Mi.Bio, Bio. Tech, Ec	All Com Sub	Ay	BCA B, Ed. B. P. Ed	2(B)
10.	Prabhat Kumar College (1926) P.O. Contai Pin-721 401 Ph. 953220-255020	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phill	Ph, G, Ch, M, Bot, Zoo, Ec, Comp. Sc., Anthro, Nut	Ph, G, Ch, M, Bot, Zoo, Ec, Comp Sc., Anthro	All Com Sub	Ay	IFF Aqua Culture Mngt	1(B) 1(G)
11.	Ramnagar College (1972) P.O. Depal Pin-721 453 Ph. 953220-264241	B, E, S, H, Ps, Phil, Soc, Music	B, E, H, Ps, Phil, S	Ph, Ch, M, Bot, Zoo,	M, Ph, Ch, Bot, G	All Com Sub	Ay	IFF	
12.	Sitananda College (1960) P.O. Nandigram Pin-721 631 Ph. 953224- 232295 / 232494	B, E, H, S, Phil, Ps, Edn	B, E, H, Ps, Edn	Ph, Ch, M, Bot, Zoo, Anthro	M, Zoo, Anthro				1(B) 1(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	Tamralipta Mahavidyalaya (1948) P.O. Tamluk Pin-721 636 Ph. 953228-266054	B, E, S, H, Ps, Phil, Ph. Edn, Edn	B, E, S, H, Ps	Ph, Ch, M, Zoo, Bot, Ec, Phy, Elect, Comp Sc., G	Ph, M, Ch, Zoo, Bot, Ec, Phy, Elect	All Com Sub	Ay		1 (B) 1 (G)
14.	Vivekananda Mission Mahavidyalaya (1968) P.O. Chaitanyapur, Pin-721645 Ph. 953224-286223	B, E, S, H, Phil, Ps, Ph. Edn	B, E, H, Ps, Phil	Ph, Ch, M, G, Elect, Comp. Sc., Nut	Elect, M, Ph, Comp. Sc.	All Com Sub	Ay		
15.	Yogada Satsangha Palpara Mahavidyalaya (1964) P.O. Palpara Pin-721 458 Ph. 953220-249227	B, E, S, H, Phil, Ps	B, E, H, S, Phil, Ps	Ph, M, Ch, Zoo, Bot, Ec, Comp Sc., G	Ph, M, Comp Sc., Ch, G			BCA	2 (B) 1 (G)

PASCHIM MIDNAPORE (VU)

1.	Belda College (1963) P.O. Belda Pin-721 424 Ph. 953220-255246	B, E, S, H, Ps, Phil, Ph. Edn, Music, Santali	B, E, H, Ps, Phil	M, Ch, Ph, Ec, G, Bot, Zoo, Comp. Sc, Nut	Ph, G, M, Ch, Comp. Sc.	All Com Sub	Ay	OMSP E. Eng	1(B)
2.	Bhattar College (1963) P.O. Dantan Pin-721 426 Ph. 953229-253238	B, E, H, Ps, Phil, Ec, S, G, Edn	B, E, H, Ps, Phil, Ec, S, G, Music	Ch, Ph		All Com Sub	Ay		

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Chandrakona Vidyasagar Mahavidyalaya (1985) P.O. Chandrakona Pin-721 201 Ph. 953225-266294	B, E, H, Ps, Phil, Ph, Edn, Env. Sc	B, H, S	Ph, M, Ch, Ec, G, Comp. Sc.	Comp. Sc, G			BCA.	
4.	Garhbeta College (1948), P.O. Garbeta Pin-721 127 Ph. 953227-265143	B, E, S, H, Ps, Phil, Ph. Edn	B, E, H, Phil	Ph, Ch, M, Bot, Zoo, Ec, G, Phy, Elect	Ph, Ch, M, Bot, Zoo, G, Phy, Elect				1(B)
5.	Ghatal Rabindra Satabarshiki Mahavidyalaya (1961) P.O. Ghatal Pin-721 212 Ph. 953225-255024	B, E, S, H, Phil, Ps	B, E, S, H, Phil, Ps	Ph, Ch, G, Ec, M, Bot, Zoo, Comp.Sc.	G. M, Ch, Ph, Ec, Bot, Zoo	All Com Sub	Ay		
6.	Hijli College (1995) P.O.Hijli Cooperative Pin-721 306 Ph. 953222-278177	B, E, Soc, H	B, E	Ph, M, Ec, G, Comp Sc., Ch	Comp. Sc., G			Comp. App, OMSP BCA	
7.	Jhargram Raj College (1949) P.O. Jhargram Pin-721 507 Ph. 953221-255022	B, E, H, Ps, Phil, Phy. Edn	B, E, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, Phy	Ph, Ch,M, Bot, Zoo, Phy, Ec	All Com Sub	Ay		2(B) 1(G)
8.	Kaibalyadayine College of Commerce, (1961) P.O. Paschim Midnapore, Pin-721 101 Ph. 953222-275836		Ec			All Com Sub	Ay	MM	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Kharagpur College (1949) P.O. Kharagpur Pin-721 305 Ph. 953222-725920	B, E, S, Hin, H, Ps, Phil, Soc	B, E, Hin, H, Ps, Phil	Ec, Comp. Sc, Phy	Ec,	All Com Sub	Ay		1(B)
10.	Midnapore College (1873) P.O. Midnapore Pin-721 101 Ph. 953222-275847	B, E, S, H, Ps, Phil, Hin, Ph. Edn	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, Phy, G, Comp. Sc	Ph,G, Ch, M, Bot, Zoo, Phy, Ec, Elec, Comp Sc.			BCA PG in Ph	1(B) 1(G)
11.	Narajole Raj College (1966), P.O. Narajole Pin-721 211 Ph. 953225-259616	B, E, S, H, Ps, Phil	B, E, H, Ps	Ph, Ch, M, Zoo, Bot	M, Ch, Bot				1(B)
12.	Pingla Thana Mahavidyalaya (1965) P.O. Maligram Pin-721 140 Ph. 953222-241224	B, E, S, H, Phil, Ps, Ph. Edn	B, E, H, Phil, Ps,	Ph, Ch, M, Ec, Zoo, G, Bot, Comp. Sc., Phy	M, Ph, Bot, G, Phy	All Com Sub	Ay	P&P. In	2(B) 1(G)
13.	Raja Narendralal Khan Women's College (1957) Gope Palace, P.O. Vidyasagar University Pin-721102 Ph. 953222-275426	B, E, S, Hin, H, Phil, Ps, Music	B, E, S, H, Phil, Ps, Music	Ph, M, Ch, Ec, Zoo, G, Bot, Phy, Comp. Sc, Nut, Mi.Bio	M, Ph, Zoo, Bot, Phy, Comp. Sc, Nut, G, Ec, Mi.Bio			BCA, Seri. PG in Zoo	7(G)
14.	Sabang Sajanikanta Mahavidyalaya (1970) P.O. Lutunia Pin-721 166 Ph. 953222-248221	B, E, S, H, Phil, Ps, Ph. Edn	B, E, S, H, Phil, Ps	Ph, M, Ch, Ec, Zoo, Bot,	Ph, Ec, Zoo, M, Bot	All Com Sub	Ay	B.Sc IFF	2(B) 1(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
15.	Seva Bharati Mahavidyalaya (1964) P.O. Kapgari Pin-721 505 Ph. 953226-263295	B, E, H, Ps, Phil	B, Phil, H, E	Anthro, Ec, Ph, M, Ch, G, Zoo, Bot	Anthro, M,G	All Com Sub	Ay	Se. Tech	3(B) 1(G)
16.	Silda Chandrasekhar College (1971) Vill+P.O.Silda Pin-721 515 Ph. 953221-252311	B, H, E, Ps, Phil	B, H, Ps, Santali	M, Ph, Ch, Ec	M	All Com Sub			2(B) 1(G)
17.	Subarnarekha Mahavidyalaya (1988) P.O. Gopiballavpur Pin-721 506 Ph. 953221-266278	B, E, Ps, H	B, H,	Anthro, M, Elect, G, Ec	G	All Com Sub	Ay		
18.	Vivekananda Satabarshiki Mahavidyalaya (1964) P.O. Manikpara Pin-721 513 Ph. 953222-230244	B, E, S, H, Phil, Ps, Santali, Ph. Edn	B, H, Ps, Phil	Ph, Ch, M, Ec, Zoo, Bot	Ph, M, Ec	All Com Sub			1(B)
19.	Sukumar Sengupta Mahavidyalaya (2005) P.O. Keshpur Pin-721 150	B, E, S, H, Edn	B, H	M	Ph, Ch, M				
20.	Santal Bidroha Sardha Satabarshiki Mahavidyalaya (2005) P.O & P.S. Goaltore	Santali, G, Ph. Edn, B, E, H, S, Ps	Santali, G, B, E, H, S, Ps						
21.	Debra Thana Sahid Kshudiram Smriti Mahavidyalaya (2006) Chakshyampur-721 124 Ph. 03222 280960	B, E, H, Phil, S							

DARJEELING (NBU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Bijonbari Degree College (1995) P.O. Bijonbari Pin-734 201 Ph. 95354-260315	E, N, H, Ps, Ec							
2.	Cluny Women's College (1998) P.O. Kalimpong Pin-734 301 Ph. 953552-257924	E, N, H, G, Comm. Eng. Soc	E, N					OMSP BCA Comm F. Eng	
3.	Darjeeling Govt. College (1948) Lebong Cart Road Pin-734 101 Ph. 95354-2254078	B, E, H, Ps, Hin Phil,	B, E, H, Ps, Phil	Ph, Ch, M, G, Ec, Zoo, Bot	Ph, M, Ch, G, Zoo, Bot, Ec	All Com Sub	Ay	PG Zoo, Bot, N, Mil.Sc.	1(B) 3(G)
4.	Kalipada Ghosh Tarai Mahavidyalaya (1988) P.O. Bagdogra Pin-734 422 Ph. 95353-2450662	B, E, N, H, Ps, Soc, Ec, G	H, B, E	Ph, Ch, M		All Com Sub.	Ay	Mgt./ Fin.	
5.	Kalimpong College (1962) Rishi Bankim Ch. Park P.O. Kalimpong Pin-734 401 Ph. 953552-255231/ 255486	E, N, Hin, Tib, Ps, H, Phil,	E, N, H, Ps, Phil	Bot, G, Zoo, Ec, Ec, M	Bot, Zoo	All Com Sub.	Ay	Comm. F. Eng. TTM	
6.	Kurseong College (1967) Down Hill Road P.O. Kurseong Pin-743 203 Ph. 95354-2344243	B, E, N, Ur, Hin, H, Ps	E, N, H, Ps	Ph, Ch, M, Ec, Zoo, G, Bot	Ch	All Com Sub	Ay	Comm Eng	

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Loreto College (1961) P.O. Darjeeling Pin-734 101 Ph. 95354-2254238	B, E, N, G, Hin, Ps, H, Edn, Ec,	E, N, H, Ps, Edn, G					Comp. App.	1(G)
8.	Mirik College (2000) Krishnnagar P.O. Mirik Pin-734 214	E, N, H, Ps, G	E, N						
9.	Salesian College (1933) P.O. Sonada Pin-734 219 Ph. 0354-2266328 / 2466243	E, H, Ec, Phil, Edn	E, H			All Com Sub	Ay	BCA BBA B.Ed B.P. Ed Comp. App.	1
10.	Siliguri College (1950) College Para P.O. Siliguri Pin-734 401 Ph. 95353-2436590 2533191/2436590	B, E, S, N, Hin, H, Ps, Phil, Soc, Jour, P. Edn.	B, E, N, Hin, H, Ps, Phil Soc, Jour	Ch, Ec, M, Ph., Zoo, G, Bot, Mi. Bio, Phy, Stat	Ec, G, Ch, M, Ph, Zoo, Bot, Mi. Bio			TTM, Comp Sc., Comp. App Comp. Eng	1 (B) 1 (G)
11.	Siliguri College of Commerce (1962) P.O. Siliguri Pin-734 401 Ph. 0353-2432594/ 2436817	B, E, H, N				All Com Sub	Ay		
12.	Siliguri Mahila Mahavidyalaya (1981) 1 No.Dabgram Colony P.O. Rabindra Sarani Pin-734 406 Ph. 95353-2596442	B, E, H, Ps, Edn, Ec, Phil	B, E, H, Ps						

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	Sonada College (1985) P.O. Sonada Pin-734 219 Ph. 95354- 2466316	E, N, H, Ps, Phil	N, Ps, H, E					Comp. App	
14.	St. Joseph's College (1927) P.O. North Point Pin-734 104 Ph. 95354-2270555 / 2270472	B, E, Hin N, H, Ps, Soc	E, N, Ps, H, Soc	Ph, Ch, M, Ec, Bot, Zoo, Comp. Sc., Mi.Bio,	Ph, Ch, Ec, M, Zoo, Bot, Comp. Sc. Mi.Bio	All Com Sub	Ay	BBA Comm./F Eng, Mass Comm. Jour, TTM BCA	1 (B) 1 (G)
15.	Surya Sen Mahavidyalaya (1998) Surya Sen Colony Block-B, P.O.Siliguri Pin-734 404 Ph. 95353-2691488	B, E, Ps, Soc, H	E, Ps, Soc	Ph, Ch, M, Ec, Comp. Sc	Ec	All Com Sub	Ay		
16.	Ghoom Jorebungalon Degree College (2005)	Data not recceived							
17.	Gayan Jyoti Collge (2005)	Data not recceived							

JALPAIGURI (NBU)

1.	Alipurduar College (1957) P.O. Alipurduar Court Pin-736 122 Ph. 953564-255045	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil, S	Ph, Ch, M, Zoo, Bot, Ec, G, Comp.Sc.	Ph, Ec, Ch, M, G, Zoo	All Com Sub	Ay	Comp App.	1(B) 1(G)
2.	Ananda Chandra College (1942) P.O. Jalpaiguri Pin-735 101 Ph. 953561-255554/ 257324	B, E, S,. H, Ps, Phil, Phy. Edn	B, E, S, H, Ps	Ph, Ch, M, Ec, Bot, G, Zoo, Comp Sc., Phy	Ph, M, Ch, G, Zoo, Bot, Ec, Comp. Sc., Mi.Bio			B.P.Ed M.A. in Beng.	1(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Ananda Ch. College of Commerce (1962) D.B.C.Road, Jalpaiguri Pin-735 101 Ph. 953561-230734	B, E, M, Ec				All Com Sub	Ay	PG in B, Mgt, BBA (Self Fin)	
4.	Birpara College (1986) P.O. Birpara Pin-735 204 Ph. 953563-266217	B, E, Soc, Ec, G, H	G, B	Ph, Ch, M		All Com Sub	Ay		
5.	Falakata College (1981) P.O. Falakata Pin-735 211 Ph. 953563-260307	B, E, H, Ps, Phil, Edn, Ec	B, E, H, Ps, Phil	Ph, Ch, M					
6.	Nani Bhattacharyya Smarak Mahavidyalaya Jaigaon, Pin-735 204 Ph. 953566-2632272	B, E, Hin, H, Phil, Ps							
7.	Parimal Mitra Smriti Mahavidyalaya (1985) P.O. Mal Pin-735 211 Ph. 953562-255212 255171	B, E, H, Ps, Phil, N, Ec	B, H, E			All Com Sub	Ay		
8.	Prasannadev Women's College (1950) Club Road P.O. Jalpaiguri Pin-735 101 Ph. 953561-222146	B, E, S, Phil, Ps, H	B, E, S, H, Ps, Phil	Ph, M, Ch, G, Ec, Zoo, Bot	Ph, G, Ch, Ec, Zoo,				2(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Sukanta Mahavidyalaya, (1981) Sukanta Nagar P.O.Dhupguri Pin-735 210 Ph. 953563-50067 / 953563-250067	B, E, H, Ps, Phil, Edn, Ph. Edn	B, E, H, Ps, Phil	M, Ph, Ec, Comp. Sc	Ec			BCA BBA	
10.	Saheed Khudiram College (1996) P.O. Kamakshyaguri Pin-736 202 Ph. 953564-260419	B, E, H, G, Ps, Env. Stud	B, Ps						
11.	Vivekananda College (1985) P.O. Alipurduar Pin-736 121 Ph. 953564-255362	B, E, H, Ps, Phil, Edn	B, E, H, Ps	Ph, Ch, M					
12.	Moynaguri College (1999) P.O. Moynaguri Pin-735 224 Ph. 953561-234298	B, E, H, Ps, G, Ec	B, H, E			All Com Sub			
13.	North Bengal St. Xavier's College (2006) Mannaganj, Raiganj Dt. Jalpaiguri	E, Ps, H	E, Ps, H			All Com Sub	Ay		

COOCHBEHAR (NBU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	A.B.N.Seal College (1888) P.O. Coochbehar Pin-736 101 Ph. 953582-222324/ 222314	B, E, S, Hin, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Ec, Bot, Zoo	Ph, Ec, Ch, M, Zoo, Bot				1(B)
2.	Cooch Behar College (1970) Kalighat Road P.O. Cooch Behar Pin-736 101 Ph. 953582-256798	B, E, H, Phil, Ps, Ec, G, Ph.Edn	B, E, H, Phil, Ec, G	M, Ph, Ch		All Com Sub	Ay	Comm. Eng, Ad Sale OMSP, BBA	
3.	Dinhata College (1956) P.O. Dinhata Pin-736 135 Ph. 953581-255094	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, M, Ch, Zoo, Bot, Ec	Ph, M, Ch, Ec	All Com Sub	Ay		1(B)
4.	Mathabhanga College (1969) P.O. Mathabhanga Pin-736 146 Ph. 953583-255282	B, E, S, H, Ps, Phil	B, E, H, Ps, S, Phil	Ec, Ph, Ch, M	Ec, Ph	All Com Sub	Ay		1(B)
5.	Mckliganj College (1996) P.O. Mckliganj Pin-735 304 Ph. 953584-255129	B, E, H, Ps, Edn	H, Ps	Ch, Zoo, Bot					

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Netaji Subhas Mahavidyalaya (1985) P.O. Haldibari Pin-735 122 Ph. 953584-263266	B, E, H, Ps, Phil Ec	B, E, H, Phil	Ph, Ch, M		All Com Sub			
7.	Sitalkuchi College (1999) P.O. Sitalkuchi Pin-736 158 Ph. 953583-263351	B, E, H, Phil, Ps, G	B, H						
8.	Thakur Panchanan Mahila Mahavidyalaya (1981) Magazine Road P.O. Cooch Behar Pin-736 101 Ph. 953582-222695	B, E, Ps, H, Phil, Ec	B, E, H					W. Stud	
9.	Tufanganj Mahavidyalaya (1971) P.O.Tufanganj New Town Pin-736 160 Ph. 953582-244263	B, E, S, H, Ps, Phil, Soc, Env. Stud	B, Ps, H, Soc	Ch, Bot, Zoo, Ec	Bot, Zoo	All Com Sub			
10.	University B.T.& Evening College (1968) P.O. Cooch Behar Pin-736 101 Ph. 953582-222714	B, E, H, Ps, Phil, Ec, Envt. Stud	B, E, H, Ps, Phil, Ec			All Com Sub	Ay	B. Ed Comm. Eng	
11.	Bakshirhat Mahavidyalaya (2005) Bakshirhat, Pin-736131	Data not received							

APPENDIX

MALDA (NBU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Chanchal College (1969) P.O. Chanchal Pin-732 123 Ph. 953513-253261	B, E, S, Ar, H, Phil, Ps	B, E, Ps, Phil, H	Ph, M, Ch, Ec	Ec	All Com Sub	Ay		1(B)
2.	Gour Mahavidyalaya (1985) P.O. Mangalbari Pin-732 142 Ph. 953512-260547	B, E, H, Edn, Soc	B, E, H, Edn, Soc	Ph, M, Ch, Bot, Zoo, Comp. Sc., G	Comp. Sc.			Comm. Eng	1(B)
3.	Kaliachak College (1995) P.O. Sultanganj Pin-732 201 Ph. 953512-244696	B, E, H, Ps, Edn	B, Ps, Edn, H	Ch, Bot, Zoo, G, Ec, Ph, M					
4.	Malda College (1944) P.O. Malda Pin-732 101 Ph. 953512-220807/ 220808	B, E, S, Ar, Hin, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, G, Ec	Ph, M, Ch, G, Zoo, Bot, Ec, Comp.Sc.	All Com Sub	Ay	BCA PG ib E, H	2(B)
5.	Malda Women's College (1970) P.O. Malda Pin-732 101 Ph. 953512-252597	B, E, S, H, Ps, Ec, G, Soc, Edn	B, E, H, Ps, Soc, G	Ph, Ch					1(G)
6.	Samsi College (1968) P.O. Samsi Pin-732 139 Ph. 953513-265252	B, E, Ar, S, H, Ps, Ec, Phil, Soc	B, E, Ar, S, H, Ps, Phil, Soc	Ph, Ch, M		All Com Sub		OMSP	1(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Pakuahat Degree College (1997) P.O. Pakuahat Pin-732138 Ph. 9503511-266410	B, E, H, Ps, Soc, G	B, H, Soc, E, Ps			All Com Sub		OMSP	1(B)
8.	South Malda College (1995) Kaliachak Pin-732 201 Ph. 953512-224292	B, E, Ar, Hin, Soc, Ps, Ec	B, Soc			All Com Sub	Ay		
9.	Gazole Mahavidyalaya (2005) Gazole, Pin-732124	B, E, H, G, Soc, Ps, Edn, Phil							

DAKSHIN DINAJPUR (NBU)

1.	Balurghat College (1948) P.O. Balurghat Pin-733 101 Ph. 953522-255391/ 255392	B, E, S, Ps, Phil, H, Env. Stud	B, E, S, H, Ps	Ph, M, Ch, Zoo, Bot, Ec, G, Comp. Sc	Ph, M, Ch, G, Zoo, Bot, Ec, Comp.Sc	All Com Sub	Ay	PG B,E, M.A. M.Com Comp. App. Comm./F Eng, EEM	1(B)
2.	Balurghat Mahila Mahavidyalaya (1970) P.O. Balurghat Pin-733 101 Ph. 953522-255393	B, E, S, H, Ps, Phil, Ec, Env.Stud	E, H, Ps, Phil	All Com Sub	Ph, Ch, M				1(G)
3.	Gangarampur College (1981) P.O. Gangarampur Pin-733 124 Ph. 953521-255075	B, E, H, Ps, Phil, Env.Stud	B, E, H, Ps, Phil	Ph, Ch, M, Ec, G, Bot, Zoo	Ec, M, G	All Com Sub	Ay		
4.	Dewan Abdul Gani College (1994) P.O. Harirampur Pin-733 125 Ph. 953524-265243	B, E, H, Ps, Phil, G	B, H, Phil, Ps						

UTTAR DINAJPUR (NBU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Shree Agrasen Mahavidyalaya (1995) P.O. Dalkhola Pin-733 201 Ph.953525-255141	B, E, Ur, Hin, Ps, Soc, H	B, H			All Com Sub	Ay		
2.	Islampur College (1973) P.O. Islampur Pin-733 202 Ph.953526-255088	B, E, H, Ps, Phil, Ur	B, E, H, Ps, Soc, Ur	Ph, Ch, Ec, M	M	All Com Sub	Ay		1(B)
3.	Kaliyaganj College (1968) P.O. Kaliyaganj Pin-733 129 Ph. 953523-258030/ 258100/259659	B, E, S, Hin, H, Ps, Phil	B, E, H, Phil, Ps	Ph, Ch, M, Ec	Ec, M	All Com Sub	Ay		1(B)
4.	Dr. Meghnad Saha College (2000) P.O. Itahar, Ranipur Pin-733 128 Ph. 953523-277707	B, E, H, Ps, Soc	B, Soc, H, E	M, G	G, M				
5.	Raiganj Surendranath Mahavidyalaya (1986) P.O. Raiganj Pin-733 134 Ph. 953523-251231/ 253055	B, E, H, Ps, Edn, Soc	B, E, Edn, Soc, Ps	Ph, M, Ch, Zoo, Bot, Ec	Ec				
6.	Raiganj University College (1948) Raiganj Pin-733 134 Ph. 953523-256282/ 252714	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, G, Comp. Sc.	Ph, Ch, M, Ec, Bot, Zoo, G, Mi-Bio	All Com Sub	Ay	Ser. BCA, BBA, Mi.Bio PG,B	1(B) 1(G)

APPENDIX – I (C)

GROWTH OF POPULATION (INDIA)

SELECTED EDUCATION STATISTICS (MHRD)

TABLE I

(000'S)

YEAR	TOTAL	MALE	FEMALE	DECADAL GROWTH RATE	LITERACY RATES		
					TOTAL	MALE	FEMALE
1951	361,088	185,528	175,560	+13.31...	18.33	27.16	8.86
1961	439,235	226,293	212,942	+21.64...	28.31	40.40	15.34
1971	548,160	284,049	264,111	+24.80...	34.45	45.95	21.97
1981	683,329	353,374	329,955	+24.66...	43.67	56.50	29.85
1991	846,303	439,231	407,072	+23.50...	52.21	64.13	39.29 (excluding J & K.)
2001	1027,015	531,277	495,738	+21.34	65.38	75.85	54.16
West Bengal	80,221	41,487	38,733	+17.84	69.22	77.58	60.22

APPENDIX – II

DECADAL GROWTH OF COLLEGES SINCE 1811 (Excluding Technology Colleges)

Decadal Year	Number of Colleges	Decadal Year	Number of Colleges
1811 – 1821	2	1901 – 1911	1
1821 – 1831	2	1911 – 1921	2
1831 – 1841	1	1921 – 1931	4
1841 – 1851	2	1931 – 1941	7
1851 – 1861	5	1941 – 1951	54
1861 – 1871	0	1951 – 1961	34
1871 – 1881	2	1961 – 1971	97
1881 – 1891	5	1971 – 1981	25
1891 – 1901	3	1981 – 1991	58
		1991 – 2001	43

APPENDIX – III

U.G.C. LIST OF FAKE UNIVERSITIES

1. Maithili University / Vishwavidyalay, Darbhanga, Bihar.
2. Mahila Gram Vidyapith / Vishwavidyalaya, (Women' s University) Prayag, Allahabad (U.P).
3. Varnaseya Sanskrit Vishwavidyalaya, Varanasi (U.P). / Jagat Puri, Delhi.
4. Commercial University Ltd., Darya Ganj, Delhi.
5. Indian Education Council of U. P., Luckwow (U.P).
6. Gandhi Hindi Vidyapith, Prayag, Allahabad (U.P.).
7. National University of Electro Complex Homeopathy, Kanpur.
8. Netaji Subhash Chandra Bose University (Open University) Achaltal, Aligarh (U.P.).
9. D.D.B. Sanskrit University, Putur, Trichi, Tamil Nadu.
10. Bharatiya Siksha Parishad (U.P.) Open Vishwavidyalaya, Lucknow (U.P.).
11. St. John's University, Kishanattam, Kerala.
12. United Nations University, Delhi.
13. Vocational University, Delhi.
14. Uttar Pradesh Vishwavidyalaya, Kosi Kalan, Mathura (U.P.).
15. Maharana Pratap Shiksha Niketan Vishwavidyalay, Pratapgarh (U.P)
16. Raja Arabic University, Nagpur.
17. Kesarwani Vidyapith, Gorakhpur, Jabalpur, (M.P.).
18. Delhi Vishwa Vidyapeeth, 233, Tagore Park, Model Town, Delhi-110009.
19. Badaganvi Sarkar World Open University Education Society, Gokak, Belgaum (Karnataka).

APPENDIX – IV

U.G.C. LIST OF VOCATIONAL SUBJECTS

With effect from the academic session of 1994-95, the University Grants Commission has been providing financial assistance to colleges and University departments for introduction of vocational subjects as part of the under-graduate courses in Arts, Science and Commerce. A list of vocational subjects for the introduction of which U.G.C. will provide assistance is given below.

DISCIPLINE AREA	VOCATIONAL SUBJECTS
(i) Arts, Humanities and Social Sciences	1. Functional Hindi 2. Functional Sanskrit 3. Functional English 4. Archaeology & Museology 5. Science and Art of Teaching 6. Early Childhood care and Education
(ii) Commerce,Economics and Management	1. Principles and Practices of Insurance 2. Office Management and Secretarial Practices 3. Tax Procedures and Practices 4. Foreign Trade Procedures and Practices 5. Tourism and Travel Management 6. Advertisement, Sales Promotion and Sales Management 7. Computer Applications
(iii) Science	1. Industrial Chemistry 2. Food Science and Quality Control 3. Clinical Nutrition and Dietetics 4. Industrial Microbiology 5. Bio-Technology 6. Biological Techniques and Specimen Preparation 7. Seed Technology 8. Sericulture 9. Industrial Fish and Fishery 10. Instrumentation 11. Geo-Exploration & Drilling Technology 12. Mass Communication & Video Production 13. Still Photography & Audio Production

APPENDIX

DISCIPLINE AREA	VOCATIONAL SUBJECTS
(iv) Engineering & Technology	1. Electronic Equipment Maintenance 2. Computer Maintenance 3. Electrical Equipment Maintenance 4. Environment & Water Management.
(v) Subjects relevant to Rural, Hilly, Tribal areas	1. Agro-Service 2. Domestic Animal Farming 3. Forestry and Wildlife Management 4. Soil Conservation & Water Management 5. Rural Handicrafts 6. Hill Agriculture 7. Non-Conventional Energy Sources 8. Dryland Agriculture 9. Silivipasture

S. C. E. R. T. West Bengal
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Calcutta
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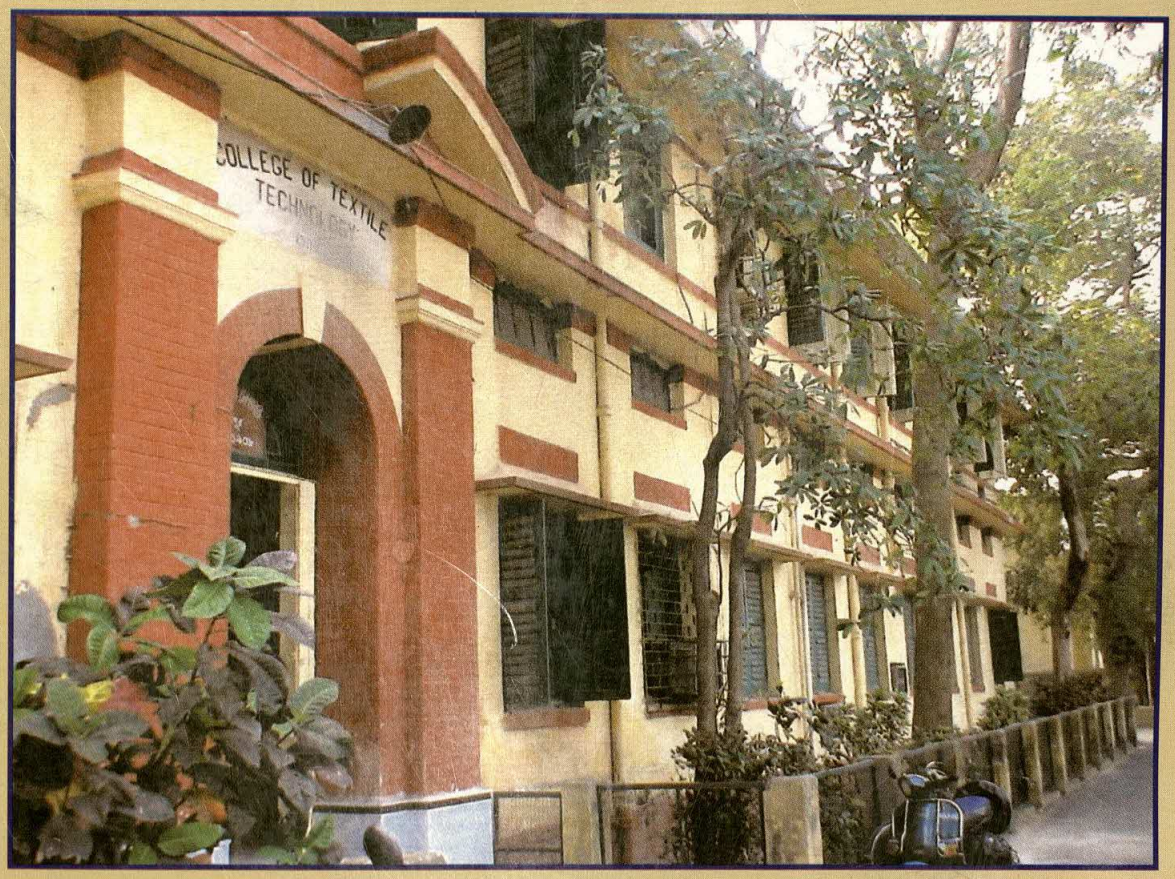

Government College of Engineering and Textile Technology, Serampore (1908).